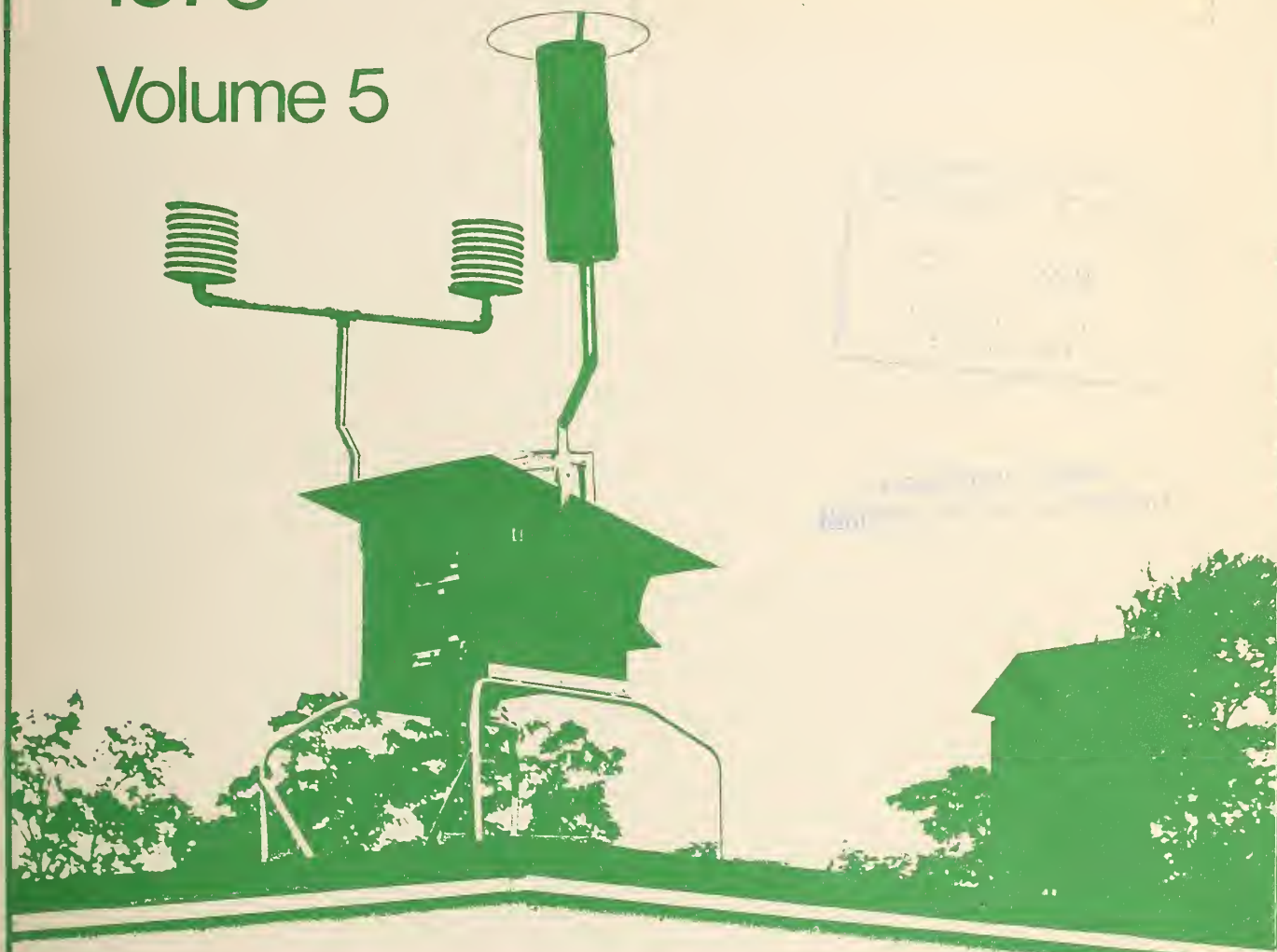


# AIR QUALITY MONITORING REPORTS 1976

## Volume 5



**AIR MONITORING STATION**

AIR MANAGEMENT BRANCH

DEPARTMENT OF ENVIRONMENT AND RESOURCES MANAGEMENT



Ontario

Ministry  
of the  
Environment

Hon. Harry C. Parrott, D.D.S.  
Minister

K. H. Sharpe,  
Deputy Minister

**TD**  
**883.7**  
**.057**  
**A37**  
**1976**  
vol 5

Air quality monitoring reports :  
1976.

82442

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33002	Pharmacy and 401, Scarborough	12	171
33003	Lawrence/Kennedy, Scarborough	11	178
34002	Science Centre, 770 Don Mills Rd., North York	12	185
34007	Bathurst/Wilson, North York	11	192
35003	Elmcrest Road, Etobicoke	12	199
35033	Evans/Arnold Ave., Etobicoke	12	206
44010	1298 Rebecca St., Oakville	11	213
51001	McDonald Gdns., Rideau/Wurtemberg St., Ottawa	10	220
56051	Memorial Pk., York/Third St., Cornwall	12	226
77016	Ash St. Water Tank, Sudbury	12	233

Station Number	Location	No. of Months	Page
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# NITRIC OXIDE

12008	467 University Ave. W., Windsor	12	240
14049	156 Victoria Street North, Sarnia	4	247
15001	Western Fair Grounds, King/Rectory, London	9	250
22071	Experimental Farm, Simcoe	12	256
29008	North Park, Hamilton	12	263
29025	Barton/Wentworth, Hamilton	12	270
31001	67 College St., Fifth Flr., Toronto	8	277
33002	Pharmacy and 401, Scarborough	12	282
34002	Science Centre, 770 Don Mills Rd., North York	12	289
34007	Bathurst/Wilson, North York	11	296
35003	Elmcrest Road, Etobicoke	12	303
35033	Evans/Arnold Ave., Etobicoke	12	310
44010	1298 Rebecca St., Oakville	11	317
56051	Memorial Pk., York/Third St., Cornwall	12	324
77016	Ash Street Water Tank, Sudbury	12	331



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE	-												
2												- DATA UNAVAILABLE	-												
3												- DATA UNAVAILABLE	-												
4												- DATA UNAVAILABLE	-												
5												- DATA UNAVAILABLE	-												
6												- DATA UNAVAILABLE	-												
7												- DATA UNAVAILABLE	-												
8	-	-	-	-	-	-	-	-	-	-	-	-	-	****	3	3	3	4	7	5	6	5	5	4	*****
9	5	5	4	5	5	6	3	5	****	4	4	4	4	3	3	****	3	3	4	4	4	4	4	4	4
10	3	4	4	4	4	4	4	4	4	-	-	-	-	****	3	2	3	3	3	3	3	3	3	3	3
11	3	3	3	3	3	2	3	2	2	2	2	3	3	6	5	3	3	3	3	3	3	3	3	3	3
12	4	3	3	3	3	3	4	4	5	5	4	2	2	3	3	3	3	2	3	2	2	2	2	3	3
13	3	3	3	3	3	3	3	3	3	****	3	4	3	3	4	4	4	4	4	4	4	3	2	2	3
14	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	3	****	4	4	5	5	5	5	5	3
15	5	4	3	1	2	2	3	4	4	****	4	3	3	3	3	3	4	4	3	3	3	2	2	2	3
16	2	2	2	3	3	3	3	4	4	3	3	2	2	2	2	2	2	3	3	3	2	2	2	2	3
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
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19	3	3	3	3	3	2	2	2	2	****	2	2	2	2	2	3	3	4	4	4	3	3	3	3	3
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21	3	2	2	2	2	3	3	3	3	****	3	3	2	2	3	3	3	3	3	3	2	2	3	3	3
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25	5	4	4	4	4	4	4	3	3	3	4	3	3	2	2	3	3	3	3	4	4	4	3	2	3
26	2	2	2	3	4	4	4	3	3	3	****	3	3	3	4	4	4	4	4	4	3	2	2	2	3
27	4	2	3	3	3	3	3	3	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3
28	4	4	4	3	3	3	3	3	3	3	3	2	2	2	2	3	4	3	3	3	3	3	3	3	3
29	3	3	5	5	4	3	3	3	3	****	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3
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MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 73.4

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 25.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	2	2	2	1	1	2	2	3	3	2	2	2	1	1	1	1	1	1	2	2
2	2	1	2	2	2	3	3	4	3	4	5	4	3	4	3	4	4	4	4	4	4	4	4	3	3
3	3	3	3	4	3	4	4	4	4	6	3	3	3	3	3	4	4	4	4	4	4	3	3	3	4
4	3	4	4	4	3	4	4	3	2	3	2	2	2	2	3	3	3	4	4	3	3	4	3	3	3
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6	3	4	4	4	4	4	4	4	4	4	4	4	4	4	****	****	****	4	4	3	4	4	4	4	4
7	4	4	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3
8	3	3	4	3	4	3	3	3	2	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2
9	3	3	4	4	4	4	5	5	5	****	2	2	2	3	3	2	3	3	2	2	2	2	2	2	3
10	2	2	2	2	3	2	2	2	3	2	3	3	4	5	5	5	6	7	7	7	7	5	4	3	4
11	3	2	2	2	2	2	2	3	4	****	4	2	3	3	2	2	3	3	3	3	4	3	3	3	3
12	4	4	3	2	3	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	3
13	4	3	4	4	4	5	5	4	4	4	3	3	3	3	***	3	3	3	4	4	3	3	3	4	4
14	4	3	3	3	3	3	4	4	4	4	2	0	2	1	1	1	1	1	3	3	2	2	2	3	2
15	4	4	4	3	3	2	2	2	2	2	2	2	3	3	3	4	4	5	5	6	5	4	3	3	3
16	3	2	3	3	3	3	3	4	4	4	4	3	3	4	3	****	3	3	3	3	3	3	3	3	3
17	3	3	5	3	2	2	2	3	3	****	****	5	4	3	4	3	4	4	4	4	3	2	2	2	3
18	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	5	5	3	2	2	3	2	3	3
19	3	3	3	4	4	3	5	4	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	4	3	3	3	3	3	4	4	5	****	5	3	3	3	3	3	4	4	5	4	4	4	3	4	4
21	4	4	3	2	2	2	2	3	3	3	3	3	4	6	9	8	5	5	4	4	3	3	3	2	4
22	3	2	2	2	1	1	1	2	1	1	2	1	2	2	2	2	2	3	2	2	2	2	2	1	2
23	2	2	1	1	2	2	3	3	4	5	6	5	3	3	2	2	3	2	3	4	3	3	3	2	3
24	3	3	4	4	5	4	4	3	4	3	3	3	4	4	4	4	4	5	6	5	5	6	5	4	5
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26	6	5	5	5	5	4	5	5	5	5	****	5	4	4	4	4	6	6	5	5	5	5	6	5	5
27	6	6	6	5	5	6	6	6	7	9	8	6	4	****	4	4	5	5	6	6	5	5	5	4	6
28	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2	2	2
29	3	3	3	3	3	4	4	3	4	4	5	4	5	4	4	4	4	4	4	4	3	3	2	2	4
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3.3

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - MAR 76											
HOUR DAY -	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	3	3	4	3	3	3	3	3	4	4	4	4	2	2	2	1	1	1	3
2	2	2	2	2	1	2	2	3	3	2	***	3	3	2	2	3	3	2	2	2	2	2	1	1	2
3	2	2	2	2	2	2	3	3	3	4	4	5	7	9	9	10	11	11	9	9	6	7	6	3	5
4	4	3	3	2	2	2	2	3	3	3	***	3	3	4	3	3	4	3	4	4	4	5	5	3	3
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6	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	3	3	3	2	2
7	1	1	1	1	1	1	2	2	1	0	1	1	2	2	2	2	1	1	2	2	2	2	2	1	1
8	1	1	1	1	2	2	2	3	3	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3	2
9	3	2	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	3	4	3	4	4	4	2
10	4	4	4	4	3	3	3	3	3	4	4	3	4	4	4	4	4	3	4	4	4	4	4	3	4
11	4	3	3	2	2	3	4	4	3	3	2	2	3	3	3	3	3	3	4	4	2	2	2	2	3
12	2	1	1	1	2	2	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	4	4	4	3	3	2
14	3	2	2	2	2	2	2	1	2	3	2	2	2	2	2	2	2	2	3	3	3	4	4	4	2
15	3	2	1	1	1	2	3	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	2	4	4	4	4	3	2	2	2	2	2	3	2	2	3	2	1	2	1	2
17	2	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	3	3	3	4	4	4	3	4	2
18	5	3	3	3	3	2	2	2	2	2	2	2	3	4	4	3	3	3	4	4	5	4	4	5	3
19	5	5	4	4	5	6	6	5	5	***	4	4	3	3	3	3	3	4	4	5	4	3	4	4	4
20	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
21	3	3	3	2	2	2	3	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2
22	1	1	1	1	2	2	3	3	3	***	3	3	3	1	2	2	2	3	2	2	3	2	3	3	2
23	4	4	6	4	4	4	4	4	5	4	3	2	3	3	2	2	3	3	3	4	4	3	3	3	4
24	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	4	6	4	4	3
25	4	4	5	6	4	4	5	5	4	***	***	3	3	2	2	2	3	3	4	5	6	6	6	5	4
26	5	3	4	4	3	3	3	3	3	3	2	3	3	3	2	3	3	3	3	3	2	3	2	2	3
27	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	2	3	3	2	2
28	3	3	3	3	2	2	3	2	2	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
29	1	1	1	1	1	2	2	2	2	***	3	3	3	3	4	4	4	4	5	5	4	5	5	3	3
30	5	4	4	3	3	4	3	3	2	2	2	2	2	2	2	3	3	3	4	4	3	3	3	3	3
31	3	3	2	3	4	2	2	3	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	3	3
MEAN	3	2	2	2	2	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - APR 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	2	3	3	5	3	3	3	3	2	3	3	3	3	3	4	5	3	3	3	3
2	3	3	2	2	1	2	2	3	3	***	***	3	3	2	3	3	4	4	4	4	3	3	3	3	3
3	4	4	3	4	3	3	3	2	2	2	***	***	2	2	2	2	3	3	3	5	4	3	3	3	3
4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	4	4	2	4
5	4	4	3	3	4	6	5	4	5	3	3	2	2	2	2	2	3	3	3	5	5	6	6	4	4
6	6	7	7	4	2	3	4	4	7	***	5	3	3	2	2	3	3	3	3	4	3	3	3	4	4
7	4	5	4	5	5	6	5	5	5	4	3	2	3	3	3	4	3	3	3	3	3	3	3	2	4
8	3	3	2	1	1	3	3	3	2	2	2	2	***	2	2	2	2	2	2	3	3	3	3	4	2
9	4	3	2	2	3	3	4	3	3	2	3	4	5	5	5	5	5	5	4	5	4	4	4	4	4
10	4	4	4	4	6	6	5	5	6	6	4	3	3	3	3	3	4	4	5	6	7	7	6	5	5
11	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
12	2	3	4	4	4	4	4	4	3	3	4	***	***	2	***	3	3	3	3	4	6	6	6	6	4
13	5	6	5	5	5	6	6	6	8	6	4	3	4	4	4	4	4	5	5	7	8	8	8	7	6
14	6	6	6	6	6	6	6	6	6	6	6	5	4	3	4	3	3	4	6	7	6	7	5	4	5
15	4	4	5	4	4	5	5	5	6	5	***	5	4	5	4	4	4	6	7	7	5	4	6	5	5
16	5	5	6	7	4	3	3	4	5	5	5	5	4	4	3	3	3	3	4	5	6	7	7	6	5
17	6	5	5	5	4	4	3	3	4	4	4	4	4	4	4	3	3	3	4	5	6	6	5	4	4
18	5	5	5	5	5	5	4	3	3	4	4	3	3	3	3	3	3	3	4	5	6	7	7	7	4
19	5	5	6	5	4	5	5	5	4	4	3	4	4	3	3	3	4	4	5	4	4	4	4	4	4
20	3	3	2	2	3	3	4	3	3	3	***	3	3	3	3	3	5	5	5	6	5	5	4	4	4
21	3	3	2	2	2	3	3	4	4	4	5	5	3	3	3	3	3	2	3	4	5	4	4	4	3
22	3	2	3	3	3	3	3	3	***	***	3	3	3	3	3	3	5	6	7	6	4	5	4	3	4
23	3	3	2	2	2	2	3	3	3	4	4	4	3	3	3	4	4	3	3	4	3	3	3	3	3
24	2	2	2	2	1	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	3	2	2	2	2
25	2	2	2	3	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
26	2	1	1	1	2	2	3	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	4	2
27	2	2	1	1	2	2	3	3	2	2	2	2	2	2	2	2	3	2	3	3	3	4	4	4	3
28	3	3	2	2	3	3	3	4	***	4	2	2	3	3	3	3	3	3	3	4	6	6	5	5	3
29	5	5	5	4	4	5	5	5	5	4	3	2	2	2	2	2	3	3	3	4	5	8	7	5	4
30	4	5	6	6	6	6	6	8	7	3	3	2	2	2	2	4	3	3	3	4	4	4	3	3	4
MEAN	4	4	4	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4	5	5	4	4	3.5

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - MAY 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	6	4	5	6	7	7	6	3	4	4	3	3	6	5	5	4	5	4	5	6	6	5
2	6	6	6	4	4	4	4	4	6	3	2	2	2	2	2	4	3	2	2	2	2	2	3	4	3
3	4	1	2	1	1	2	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	2	
4	3	2	2	5	3	4	4	4	***	3	2	2	2	2	2	3	2	3	3	4	5	4	4	4	3
5	4	4	3	3	3	3	3	4	3	3	3	3	***	-	2	3	3	3	3	4	5	6	5	5	4
6	4	3	2	2	2	1	3	3	2	3	3	4	6	6	5	5	4	3	4	3	3	2	3	2	3
7	3	2	2	2	2	3	4	4	3	3	3	3	3	2	3	3	3	3	4	4	4	5	5	3	3
8	5	5	6	5	5	4	4	3	3	2	2	2	2	2	1	2	2	2	3	4	6	7	7	4	4
9	6	5	6	5	4	3	2	8	5	3	2	2	7	6	2	2	2	2	3	4	8	9	9	5	5
10	8	9	7	4	3	4	4	5	6	5	4	3	2	2	2	3	2	3	3	5	7	4	4	4	4
11	5	5	2	2	3	4	6	7	4	****	3	3	3	2	2	2	2	3	2	3	3	2	3	3	3
12	4	5	3	3	3	3	3	4	4	3	3	3	3	3	3	3	5	4	3	4	4	5	6	7	4
13	7	7	6	6	5	5	5	4	2	2	2	2	2	1	1	2	2	3	3	3	2	3	3	5	3
14	5	4	4	4	4	4	5	5	****	7	6	5	4	4	4	5	5	5	6	7	6	6	5	5	5
15	5	5	4	4	4	4	5	4	4	4	4	4	4	4	6	5	6	5	5	5	4	4	4	3	4
16	2	2	2	2	2	2	3	3	2	3	3	4	4	4	4	5	5	3	5	5	6	5	5	5	4
17	4	3	3	2	2	4	4	5	5	4	3	4	4	4	4	3	3	2	2	2	2	2	2	2	3
18	2	2	2	2	2	3	3	3	3	2	3	2	3	2	3	3	3	3	3	4	3	3	4	4	3
19	4	4	3	4	3	4	3	3	2	****	2	2	3	2	2	3	2	3	3	4	4	4	5	7	3
20	6	5	5	6	7	7	7	8	7	5	5	4	3	3	3	3	4	3	3	4	5	5	6	8	5
21	7	4	3	3	4	5	4	4	3	****	3	3	3	2	3	3	3	3	4	4	3	3	3	4	4
22	4	4	4	3	4	4	5	4	3	3	3	3	2	3	2	3	2	2	3	4	4	4	3	3	3
23	3	4	4	4	4	3	2	3	2	2	1	2	2	2	2	2	2	2	2	3	3	4	3	3	3
24	3	2	1	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
25	2	1	1	1	1	2	2	3	3	***	2	2	2	2	2	3	2	2	2	3	3	3	2	2	2
26	2	2	2	2	2	3	3	4	3	2	2	2	2	3	2	3	6	5	5	4	5	5	6	6	3
27	6	6	6	6	6	6	8	10	8	5	3	2	1	1	2	3	3	2	2	3	4	3	3	4	4
28	2	1	1	1	2	3	4	4	3	***	3	3	3	2	2	2	2	2	2	3	3	4	6	7	3
29	6	4	3	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	4	4	3	2	3	3
30	3	2	2	1	1	1	1	1	1	1	2	2	3	2	3	3	2	1	2	2	3	3	3	1	2
31	1	1	1	2	2	2	2	5	6	5	5	5	4	5	5	5	3	3	3	4	4	6	7	6	4
MEAN	4	4	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3.5

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - JUN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3
2	4	3	3	3	3	3	4	4	4	2	2	1	2	2	2	3	3	3	4	4	3	4	4	5	3
3	5	5	4	4	4	4	4	3	3	3	3	2	2	2	2	2	3	3	3	3	4	5	4	4	3
4	5	5	5	5	5	4	4	3	3	3	2	2	2	2	3	3	3	3	2	3	4	4	4	4	3
5	4	3	3	3	3	4	5	5	5	5	6	5	3	3	3	3	3	3	3	3	5	8	8	8	4
6	6	6	7	9	9	10	11	11	6	4	4	4	3	3	3	3	3	3	3	4	5	8	9	11	6
7	14	1	10	9	9	8	8	8	8	5	4	3	3	3	3	4	5	4	4	5	7	7	10	10	7
8	7	7	4	5	8	10	10	10	7	6	4	3	2	2	2	3	3	3	4	4	9	11	10	9	6
9	6	5	5	7	7	8	9	11	12	10	5	3	3	4	3	3	3	3	3	4	5	6	8	8	6
10	6	6	4	4	5	9	9	10	9	7	4	4	3	2	2	3	3	3	4	5	6	5	4	5	
11	6	5	6	5	5	6	6	6	5	4	3	3	3	3	3	4	6	5	8	9	4	3	4	4	5
12	4	4	4	4	3	3	3	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3
13	3	2	2	2	2	3	4	3	4	4	4	3	2	2	2	2	2	2	3	4	4	4	4	4	3
14	2	2	2	2	3	3	3	3	****	****	3	3	3	3	3	3	3	3	4	6	9	9	8	6	4
15	5	5	5	3	3	4	3	4	4	4	4	4	3	3	3	3	3	3	4	5	4	4	5	4	4
16	3	5	4	3	4	4	4	4	4	3	3	3	3	3	3	3	4	3	3	3	4	4	4	4	4
17	4	4	4	4	4	4	5	6	2	3	3	4	5	4	3	2	2	3	3	3	4	4	4	4	4
18	3	3	2	2	3	4	4	3	2	2	2	2	2	2	2	2	-	-	-	-	-	-	-	-	3
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	-	-	-	-	-	-	****	****	****	****	****	****	****	****	****	6	5	6	6	4	4	5	5	4	****
22	3	3	3	3	3	4	4	4	****	4	3	3	3	2	3	2	2	2	2	2	3	3	3	3	3
23	3	2	2	4	4	4	6	6	6	5	3	4	2	3	3	5	1	2	2	2	2	3	3	3	3
24	2	2	2	2	3	3	3	3	2	2	2	2	4	3	4	4	4	3	3	6	5	6	5	5	3
25	5	5	5	5	6	6	5	5	4	****	****	3	3	3	4	5	4	4	5	4	5	9	7	8	5
26	6	7	7	9	5	6	7	****	****	****	****	****	3	3	3	4	4	3	4	4	5	5	8	8	5
27	8	8	9	7	5	4	4	4	4	4	5	4	3	3	3	2	3	3	3	5	6	9	7	6	5
28	6	9	7	5	4	5	5	10	****	7	6	4	6	4	4	4	4	4	3	4	4	5	6	6	5
29	4	4	4	4	5	5	6	5	5	6	6	4	2	2	3	3	4	4	4	5	5	5	5	6	4
30	4	2	1	2	3	4	4	3	4	3	3	2	2	3	3	3	3	3	3	3	4	5	5	4	3
MEAN	5	5	4	4	4	5	5	5	5	4	4	3	3	3	3	3	3	3	3	4	5	5	6	5	4.2

PERCENTAGE OF DATA VALID - 88.6

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 8.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - JUL 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	1	1	1	2	3	3	3	3	3	2	3	3	3	3	3	2	2	2	3	4	4	4	3
2	4	4	4	4	3	3	3	4	***	3	2	2	2	2	2	3	3	3	3	3	4	4	4	5	3
3	4	5	5	5	5	4	4	4	****	****	****	****	****	****	****	****	3	3	3	3	4	4	4	4	4
4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1	2	2	3	3	3	3	4	2
5	4	4	4	3	2	2	3	4	5	5	3	2	2	2	2	3	3	2	2	2	3	4	5	6	3
6	7	8	6	5	5	5	6	7	5	6	8	5	3	4	5	7	7	6	10	7	7	7	7	7	6
7	6	6	6	6	5	3	4	6	6	****	6	5	4	3	4	6	7	6	9	10	9	8	5	5	6
8	3	3	2	2	5	6	6	5	4	3	3	3	3	3	3	3	3	3	2	3	3	4	4	4	3
9	3	3	2	3	3	3	4	4	3	****	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3
10	3	2	2	2	3	3	4	5	5	4	3	3	3	3	3	3	4	4	4	4	5	4	4	4	4
11	4	5	2	3	2	3	3	3	2	2	2	3	3	2	2	2	2	2	2	3	4	5	5	4	3
12	4	2	1	1	1	2	2	2	2	2	****	2	2	2	2	3	2	2	2	3	3	4	3	4	2
13	4	3	3	3	2	3	3	4	3	3	3	3	2	****	3	3	3	3	3	3	4	7	6	4	3
14	4	3	3	3	4	4	5	7	6	5	4	4	4	4	3	3	4	3	3	3	4	4	4	5	4
15	5	3	2	3	3	5	6	8	8	6	****	****	5	5	3	4	4	3	4	3	3	3	4	4	4
16	4	4	2	3	3	3	4	4	****	4	4	4	2	3	3	2	3	2	2	2	3	3	3	3	3
17	4	3	3	2	3	3	3	2	2	1	2	1	1	1	2	2	3	3	4	3	4	4	4	4	3
18	4	4	4	4	5	4	4	3	2	2	2	1	1	1	1	1	2	2	2	2	3	5	5	4	4
19	5	4	5	5	5	5	5	6	****	5	4	3	3	2	2	2	3	3	2	3	3	3	3	3	3
20	3	4	4	3	3	3	4	5	4	3	3	3	3	3	3	3	4	5	7	5	4	5	4	6	4
21	6	5	5	3	4	4	4	4	4	4	3	3	3	2	2	2	2	2	3	4	4	4	3	3	3
22	3	3	3	3	2	2	2	3	2	****	****	1	2	2	2	3	3	2	2	2	2	2	2	2	2
23	3	2	2	2	3	3	3	4	4	****	4	4	4	3	3	4	3	2	2	3	4	4	3	4	3
24	3	4	2	1	1	2	3	4	3	2	2	2	2	2	2	1	2	2	2	2	3	3	3	2	2
25	4	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
26	2	2	2	2	2	4	4	4	3	4	3	****	2	2	2	2	2	2	2	3	5	5	3	4	3
27	6	6	3	3	4	2	5	6	5	4	4	3	3	3	3	2	2	2	2	4	3	3	3	3	4
28	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2
29	2	2	2	3	4	3	4	4	4	3	3	****	3	3	3	4	3	3	2	3	2	3	2	1	3
30	1	2	1	1	2	3	2	3	4	4	5	5	7	7	7	8	7	5	3	3	4	3	3	2	4
31	3	3	2	4	5	5	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
MEAN	4	4	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3.3

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 3.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - AUG 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2
2	3	3	3	3	2	3	3	3	3	3	1	2	2	1	2	1	2	2	2	2	2	3	3	3	2
3	3	3	3	3	3	3	4	5	6	3	2	3	3	2	2	2	2	1	2	3	5	5	4	3	3
4	4	4	5	6	7	7	6	***	7	5	3	2	2	3	3	3	3	2	2	3	4	6	7	5	4
5	5	3	6	7	5	5	5	6	4	3	3	4	3	2	3	3	3	3	2	4	4	3	3	2	4
6	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	2
8	3	3	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2	3	3	3	4	2
9	4	4	4	4	4	5	5	5	4	4	2	2	2	2	3	3	3	2	2	3	4	5	5	4	4
10	4	4	4	3	4	4	4	8	10	6	4	3	3	3	4	2	1	1	2	3	3	3	3	2	4
11	2	2	2	2	3	4	5	4	3	3	4	3	3	2	3	3	3	3	3	3	4	3	4	4	3
12	4	4	3	3	3	4	5	***	***	4	6	5	4	3	3	3	3	3	4	4	6	5	4	4	4
13	3	3	3	2	3	5	5	4	5	5	4	4	4	3	4	4	4	5	6	7	8	7	7	6	5
14	3	3	3	3	3	3	3	2	3	2	2	2	2	4	4	6	6	5	6	3	2	2	2	2	3
15	2	2	1	1	1	2	1	2	2	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2
16	2	2	2	2	2	2	3	4	5	3	2	2	2	2	2	3	3	3	3	3	5	5	6	6	3
17	6	5	5	4	4	4	5	5	6	5	4	4	3	2	3	3	3	2	2	6	8	7	8	6	5
18	4	4	5	4	4	4	5	10	16	16	8	5	3	3	3	3	3	3	2	4	4	4	4	4	5
19	4	4	4	5	5	4	4	***	-	5	2	2	2	1	2	2	2	2	2	3	3	4	5	5	3
20	3	3	2	2	4	5	6	7	10	10	5	3	2	2	2	2	1	2	2	6	7	8	7	5	4
21	4	3	2	3	3	4	6	8	9	7	3	4	3	3	2	2	1	1	2	4	6	6	5	4	4
22	5	5	5	6	6	6	6	6	6	4	2	2	3	3	2	2	2	2	2	3	5	7	8	4	4
23	3	1	1	1	3	4	4	4	4	4	4	3	3	2	3	3	3	2	2	2	2	2	3	3	3
24	2	2	2	2	2	2	2	2	1	2	2	2	3	2	2	2	2	2	2	3	3	2	3	3	2
25	2	3	4	4	4	4	4	2	2	2	3	2	3	2	3	2	2	2	3	2	3	3	3	3	3
26	3	3	2	2	2	2	4	4	-	-	3	2	2	2	1	1	2	4	3	5	5	3	2	2	3
27	2	3	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3
28	3	3	2	2	3	3	5	4	3	3	2	3	3	2	2	2	2	2	2	3	3	4	4	4	3
29	5	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	4	4	4	2
30	3	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	4	4	4	4	3	3
31	2	2	3	4	3	3	4	4	4	3	3	3	3	3	2	2	2	2	2	3	4	4	5	4	3
MEAN	3	3	3	3	3	3	4	4	5	4	3	3	2	2	2	2	2	2	3	3	4	4	4	4	3.2

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE



	POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - SW NO 1200B 467 UNIVERSITY AV WEST F2 WINDSOR												MONTH - SEP 76												
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	2	3	5	3	5	5	5	5	3	4	3	2	3	3	3	3	3	2	2	2	2	2	3
2	2	2	1	1	2	2	2	3	3	-	1	1	1	1	2	1	2	2	2	3	4	3	3	2	2
3	3	2	2	3	3	3	3	4	3	4	3	3	3	3	3	2	2	2	2	2	2	2	2	4	3
4	2	2	3	2	3	3	3	3	3	2	3	2	2	2	2	1	2	2	2	3	3	3	2	2	2
5	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	1
6	2	2	2	2	2	2	2	2	2	1	1	2	3	3	1	2	1	1	2	2	3	3	3	3	2
7	3	3	3	4	4	4	4	5	5	4	3	2	2	-	3	3	3	3	3	4	4	5	5	5	4
8	5	5	5	5	5	6	6	6	6	5	4	3	3	3	3	3	3	3	4	6	6	8	8	7	5
9	7	7	7	6	6	5	6	7	7	****	****	****	4	5	6	6	5	6	5	4	3	3	3	2	5
10	2	2	1	1	2	2	2	2	****	****	****	****	2	2	3	3	3	3	3	4	4	3	3	3	3
11	4	4	4	4	4	4	3	3	3	3	3	3	3	2	2	2	2	3	4	6	7	6	6	6	4
12	6	6	6	6	6	7	6	5	4	4	3	2	3	2	1	2	2	2	4	5	5	5	3	4	4
13	3	4	5	5	5	6	7	7	7	7	5	4	****	2	3	3	4	3	3	4	4	5	4	4	5
14	6	5	4	4	5	5	6	6	13	11	7	5	4	3	3	3	3	3	3	4	4	5	5	4	5
15	7	7	6	5	6	6	6	5	4	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	4
16	3	3	2	2	2	2	3	3	4	4	4	4	5	5	5	5	5	5	3	3	2	2	3	3	3
17	3	2	2	2	3	3	3	4	4	4	4	4	4	3	4	4	5	4	5	5	4	4	4	4	4
18	4	4	4	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	5	7	8	7	5	5	4
19	5	5	5	5	4	4	4	4	4	4	3	3	2	2	2	2	2	2	4	6	7	3	3	3	4
20	4	4	3	3	3	3	4	5	5	4	3	2	2	2	2	3	2	2	2	3	2	2	2	2	3
21	2	2	2	2	2	2	3	3	4	3	3	3	4	3	3	3	3	2	2	2	2	2	2	2	3
22	2	2	2	2	2	2	2	3	3	2	1	2	2	2	2	2	2	3	4	5	5	4	4	4	3
23	3	2	2	2	2	2	3	4	4	3	2	2	2	2	2	2	3	3	4	4	4	4	3	3	3
24	2	2	2	2	2	3	3	3	4	****	2	2	1	1	2	2	2	3	4	4	4	4	4	4	3
25	5	4	5	4	4	4	4	4	4	4	4	5	5	3	3	4	4	5	6	5	5	5	5	5	4
26	5	5	4	3	2	2	2	2	2	3	3	3	3	3	3	4	4	3	3	2	3	2	2	2	3
27	2	3	2	2	3	4	3	4	4	4	3	3	3	3	3	4	3	4	3	3	3	2	2	2	3
28	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	3	4	4	5	5	5	5	4
29	5	4	5	4	4	4	4	4	4	4	4	****	3	3	3	3	3	3	5	6	6	5	5	6	3
30	6	6	6	5	5	5	6	7	10	12	6	3	5	4	4	4	4	6	7	8	7	8	7	6	6
MEAN	4	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3.5

PERCENTAGE OF OATA VALIO - 98.5

PERCENTAGE OF OATA INVALIDO - 1.3

PERCENTAGE OF OATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INOICATES INVALIDO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SW NO 1200B 467 UNIVERSITY AV WEST F2 WINOSOR														MONTH - OCT 76											
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	6	4	4	4	3	6	11	5	4	3	****	2	2	2	3	4	7	6	5	6	6	6	5
2	7	6	5	4	5	5	6	6	6	4	3	4	4	5	4	4	4	5	7	8	8	7	7	7	5
3	8	8	8	7	7	7	6	6	5	5	5	5	5	5	5	5	6	8	8	8	9	9	9	8	7
4	4	3	3	3	3	3	5	6	6	****	3	2	2	2	2	2	2	3	5	5	4	4	3	2	3
5	2	2	2	2	3	3	4	3	2	2	2	3	2	2	2	2	2	3	4	2	3	5	4	4	3
6	6	5	3	3	2	2	3	3	2	3	3	3	4	3	3	3	4	3	3	3	2	3	2	2	3
7	2	2	1	1	2	2	3	3	3	3	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2
8	2	1	1	1	1	2	3	3	****	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	2	2	2	1	1	2	2	3	3	3	2	2	2	3	2	2	2	3	4	4	3	4	3	3
10	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	4	4	3	2	2	1	3
11	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3
12	3	2	1	2	2	2	3	3	3	3	2	2	2	2	2	2	3	4	3	3	3	4	5	6	3
13	6	5	5	4	4	5	5	5	7	8	5	3	2	3	3	3	2	3	3	3	3	2	2	2	4
14	2	1	1	3	3	3	3	4	3	3	2	2	2	3	3	3	3	4	4	4	3	3	4	4	3
15	2	3	4	4	4	4	4	****	5	4	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3
16	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3
17	3	3	2	2	1	2	2	2	1	1	1	1	1	1	2	2	2	2	3	4	3	3	3	3	2
18	4	4	4	4	4	4	4	4	5	4	3	3	2	3	2	3	3	3	4	4	4	3	2	2	3
19	3	2	1	2	2	3	3	4	3	3	3	3	4	3	3	3	4	3	3	3	3	3	4	3	3
20	3	3	3	3	4	3	3	3	4	3	4	4	4	3	4	4	4	4	4	4	4	4	4	3	4
21	3	3	3	4	3	3	4	4	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	*****
22	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	3	3	3	3	3	*****	4
23	4	4	4	4	4	3	3	4	4	3	3	4	4	3	2	3	3	4	4	4	4	4	3	3	3
24	3	3	2	2	2	2	2	2	2	2	3	4	4	4	3	3	3	3	3	3	2	2	2	2	3
25	2	2	2	1	1	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	2	2	3	3	3	4	4	3	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3
27	2	1	1	1	1	2	3	4	4	4	3	3	3	3	3	3	3	3	4	4	4	5	5	5	3
28	6	5	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4
29	4	4	3	3	4	3	2	2	2	2	2	2	****	3	4	4	5	5	5	5	4	4	4	4	3
30	4	4	4	3	4	5	4	4	4	4	5	5	5	5	5	5	5	4	4	3	4	3	3	3	4
31	3	3	2	2	2	2	2	2	3	1	2	2	2	2	2	2	2	3	3	3	3	4	4	5	3
MEAN	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3.3

PERCENTAGE OF OATA VALIO - 96.0

PERCENTAGE OF OATA INVALIDO - 0.7

PERCENTAGE OF OATA UNAVAILABLE - 3.4

NOTES 1. "\*\*\*\*\*" INOICATES INVALIDO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	4	3	4	4	4	6	8	8	4	3	3	3	3	4	4	4	5	4	5	5	4
2	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	5	5	5	5	5	5	4
3	5	4	4	4	4	4	4	4	4	4	4	3	2	3	3	3	4	4	4	4	5	5	5	5	4
4	5	4	4	4	4	3	3	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4
5	4	4	4	4	4	3	3	3	3	3	4	3	2	3	3	3	3	4	4	3	3	4	3	3	3
6	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	4	4	4	4	4	4	3	3	3
7	4	4	4	3	3	2	2	2	2	1	1	1	1	2	2	3	2	3	3	2	2	2	2	2	2
8	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	3	4	4	5	4	4	4	2
9	3	3	3	2	1	2	3	3	3	3	3	3	2	3	4	4	5	5	5	5	4	3	3	3	3
10	3	2	2	3	3	3	3	3	4	4	3	2	2	***	-	***	3	4	4	4	3	3	3	3	3
11	3	3	3	2	3	3	3	4	4	4	3	3	2	2	2	2	3	3	3	4	3	4	4	4	3
12	4	3	3	3	3	3	3	4	4	4	4	3	2	2	2	2	3	3	4	4	4	3	3	3	3
13	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	4	4	4	4	4	4	3
14	4	4	4	3	3	3	3	3	3	3	2	3	3	3	3	3	3	4	4	4	5	4	4	4	3
15	3	3	4	4	4	4	4	4	5	5	***	***	***	***	***	***	5	5	5	6	5	5	5	5	5
16	5	5	5	5	5	5	5	6	7	7	***	7	5	6	5	5	5	6	6	6	6	6	6	5	6
17	5	5	5	4	4	4	4	4	4	5	4	4	5	4	4	4	5	5	5	4	4	4	4	4	4
18	4	4	4	4	4	3	4	4	4	***	***	3	3	3	3	3	3	4	4	4	4	4	4	4	4
19	4	5	5	4	4	4	3	4	4	***	3	3	2	2	2	2	3	4	4	5	4	4	4	4	4
20	4	4	4	4	4	4	4	4	5	6	6	5	4	3	3	3	3	3	4	4	4	4	4	4	4
21	4	4	4	3	3	3	4	4	4	3	3	3	2	2	2	2	2	2	3	3	2	2	2	2	3
22	2	2	2	3	3	3	3	4	4	2	3	3	2	2	3	3	4	3	3	3	3	3	4	4	3
23	4	3	4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3
24	4	4	3	4	3	4	3	3	4	4	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4
25	4	4	3	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	5	4	3	4	4	4
26	4	3	3	3	3	4	4	4	4	4	-	4	4	4	4	4	4	4	4	4	4	3	3	2	4
27	2	2	2	2	2	1	2	3	2	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	2
28	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	2	2	2	2	2	1	2
29	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	3	2	3	3	3	3	2
30	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	3
MEAN	4	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	3	3	3	2	3	3	3	2	2	3	4	4	4	3	3	4	4	4	4	4	4	3
2	4	4	4	3	3	3	3	3	3	2	2	2	2	***	2	3	3	4	3	4	4	4	4	4	3
3	4	4	4	4	4	4	4	4	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	3	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	4
5	3	3	3	3	3	3	3	3	4	4	4	3	3	3	4	4	4	4	4	4	3	3	3	3	3
6	3	3	3	3	3	3	4	4	4	***	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4
7	4	4	3	3	3	2	3	2	2	2	2	2	2	2	2	3	3	4	3	4	3	4	3	3	3
8	3	4	3	3	3	3	4	4	4	5	6	***	4	4	4	4	5	5	4	5	4	4	4	5	4
9	5	5	5	5	5	5	5	4	4	4	4	3	3	3	3	3	4	3	4	3	3	3	2	3	4
10	3	3	3	3	3	3	2	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	2	3	3
11	2	2	2	2	2	2	3	3	4	3	2	3	2	3	3	4	4	4	3	4	3	3	3	3	3
12	3	4	3	3	3	4	4	4	3	4	3	4	3	3	3	3	3	3	3	3	2	2	2	2	3
13	2	1	1	1	1	2	3	3	3	3	3	2	2	2	3	3	4	4	4	4	4	3	3	2	3
14	3	3	3	3	2	3	3	3	3	3	3	2	2	3	***	3	4	4	4	4	5	4	4	4	3
15	5	4	4	4	4	5	4	5	4	5	6	7	***	4	4	5	6	7	7	7	6	5	5	4	5
16	5	4	5	5	5	5	4	4	5	4	5	8	14	16	16	8	5	5	5	5	4	3	3	3	6
17	4	3	4	3	3	3	3	4	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	4	3
18	3	4	3	3	3	4	4	4	4	4	3	4	3	3	3	3	3	4	3	3	3	3	3	3	3
19	3	3	3	3	4	3	3	4	4	4	4	4	5	5	5	6	6	7	7	6	5	5	5	5	5
20	5	5	5	5	5	4	4	3	3	3	3	4	4	3	3	3	3	3	2	2	2	2	2	2	3
21	2	1	1	1	1	2	3	3	3	2	2	***	2	2	2	3	4	4	4	4	3	4	4	5	3
22	4	4	4	4	3	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3
23	3	3	2	3	3	3	3	3	2	2	2	3	3	3	2	2	3	3	3	3	3	3	3	3	3
24	3	4	3	3	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	2	3	3
25	3	3	4	3	3	3	3	3	3	3	3	4	4	4	4	5	4	4	3	3	3	3	3	4	3
26	4	4	4	4	4	3	3	3	4	4	3	4	4	3	3	3	3	3	3	2	2	2	3	2	3
27	3	3	3	3	3	4	4	5	3	3	2	2	2	1	2	2	3	4	4	4	3	3	3	3	3
28	4	3	4	3	3	3	3	3	4	4	4	4	4	4	4	4	3	4	4	3	3	3	3	3	4
29	3	2	2	2	2	2	3	3	3	3	2	2	2	***	2	2	3	3	3	3	3	3	3	3	3
30	4	4	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	4	4	4	4	3	4	3	4
31	4	4	4	3	3	4	4	4	4	3	3	2	2	2	2	2	2	3	3	4	3	3	4	4	3
MEAN	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3.4

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	3.2	4	7
FEB	29	3.3	6	9
MAR	31	2.7	5	11
APR	30	3.5	6	8
MAY	31	3.5	5	10
JUN	27	4.2	7	14
JUL	31	3.3	6	10
AUG	31	3.2	5	16
SEP	30	3.5	6	13
OCT	29	3.3	7	11
NOV	30	3.4	6	8
OEC	31	3.4	6	16
YEAR	353	3.4	7	16

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	2	381	160	3	0	0	0	546
FEB	30	387	257	10	0	0	0	684
MAR	85	498	145	7	2	0	0	737
APR	40	356	284	26	0	0	0	706
MAY	30	407	265	33	0	0	0	735
JUN	3	289	272	66	7	1	0	638
JUL	41	428	226	27	0	0	0	722
AUG	56	452	200	27	0	2	0	737
SEP	35	383	260	28	3	0	0	709
OCT	27	455	208	23	1	0	0	714
NOV	14	369	318	5	0	0	0	706
OEC	9	436	281	8	0	3	0	737
YEAR	372	4841	2876	263	13	6	0	8371

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALIO	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.3	0	1.2	2.1	2.6	3.4	4.7	5.6	6.8	7.9	16	3.4

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 14049												156 VICTORIA ST NORTH				SARNIA				MONTH - JAN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN							
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	2	2							
2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	3	2	2							
3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1							
4	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2							
5	2	2	2	2	2	2	2	2	3	2	2	2	3	1	-	4	4	3	3	3	3	3	3	3	3							
6	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3							
7	4	4	4	4	3	3	4	4	4	3	2	1	2	1	2	1	2	2	2	2	1	1	1	1	2							
8	1	1	1	1	2	3	3	3	3	3	3	2	1	1	1	1	2	2	2	2	2	2	2	4	2							
9	4	4	3	3	3	3	2	3	***	2	2	2	2	1	2	3	3	4	4	4	3	4	4	3	3							
10	3	3	3	3	3	3	3	3	4	3	3	4	3	4	4	4	4	4	3	3	3	4	4	3	3							
11	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
12	3	3	3	2	2	3	2	2	2	2	2	2	3	3	4	***	4	3	3	3	3	3	3	3	3							
13	4	3	4	4	4	3	4	4	3	3	3	3	4	4	3	3	3	3	3	4	3	2	1	1	3							
14	1	1	2	1	1	1	2	2	1	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1							
15	4	3	2	3	3	3	3	3	4	3	2	2	3	3	2	3	3	3	3	3	3	3	3	3	2							
16	2	2	3	3	3	4	4	4	3	2	2	1	1	2	1	1	2	2	2	1	1	1	1	1	2							
17	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	2	2	2	1	1	1	1							
18	1	1	2	1	2	2	3	3	3	3	2	3	2	3	3	3	3	3	4	4	3	4	4	4	3							
19	3	2	2	2	2	3	3	3	2	***	2	2	2	3	4	4	4	3	4	4	3	4	3	3	3							
20	2	2	2	2	3	3	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	2							
21	3	4	4	3	3	3	3	3	3	3	3	3	2	2	2	1	2	2	2	2	2	3	2	2	3							
22	2	2	1	1	1	1	1	1	2	2	1	1	1	2	2	1	***	3	2	4	4	4	4	3	2							
23	4	4	4	4	4	4	4	4	4	3	3	2	2	2	2	2	2	2	3	3	3	4	4	4	3							
24	5	4	4	3	4	3	3	3	2	2	2	2	3	3	4	5	4	4	3	5	4	5	5	5	4							
25	5	5	5	4	4	4	4	4	3	3	2	2	2	3	3	3	4	4	3	2	3	3	3	3	3							
26	3	2	2	2	4	4	3	3	3	3	3	3	3	3	3	2	***	3	3	3	4	4	3	2	3							
27	2	2	2	2	2	3	3	4	4	4	3	3	3	***	3	2	3	3	4	4	4	5	4	3	3							
28	3	4	4	4	4	4	4	3	4	4	3	3	3	3	3	3	4	5	4	4	4	4	3	3	4							
29	3	3	3	3	3	2	2	2	2	2	1	1	1	2	2	2	3	2	4	4	3	4	3	3	3							
30	4	4	4	4	4	3	3	4	3	3	2	2	2	1	2	3	3	3	4	3	3	3	3	3	3							
31	3	3	2	2	2	2	3	4	3	3	3	4	4	4	5	4	4	4	5	5	5	5	5	4	4							
MEAN	3	3	3	2	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.6							

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 14049												156 VICTORIA ST NORTH				SARNIA				MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN								
1	4	4	4	3	3	3	3	3	3	3	3	3	3	1	0	1	1	1	1	1	1	0	1	2									
2	1	1	2	1	1	1	2	2	2	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***									
3	***	***	***	***	***	***	***	***	5	6	6	6	7	6	6	5	5	4	4	4	4	3	4	4	5								
4	3	3	4	3	2	2	2	2	2	2	1	1	2	2	2	2	2	2	3	3	2	2	2	1	2								
5	2	2	2	2	2	2	3	3	3	2	2	1	1	1	2	2	3	3	3	3	4	4	4	3									
6	3	2	3	2	2	2	2	2	3	3	2	2	3	3	2	2	2	2	3	3	3	2	2	3	2								
7	2	2	2	2	2	2	2	2	2	2	2	3	5	5	5	5	6	5	4	4	3	3	2	2	3								
8	2	2	2	2	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1	1	2								
9	1	1	2	2	2	3	3	4	5	5	3	3	3	4	4	4	4	4	3	2	4	3	3	3	3								
10	4	3	4	4	4	4	4	3	3	3	3	3	5	4	***	5	7	8	7	7	5	3	3	2	4								
11	1	1	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	3	3	2	3	3	3	2	2								
12	3	2	3	3	3	3	2	3	3	3	3	3	3	3	4	4	5	4	4	4	4	4	4	3									
13	4	4	3	3	2	2	2	2	3	***	1	2	1	2	1	2	2	2	2	2	2	2	3	3	2								
14	3	3	2	1	2	4	3	2	3	2	2	1	2	3	3	3	3	2	3	2	2	1	1	1	2								
15	2	2	2	3	4	4	3	2	3	3	3	3	3	3	2	3	2	2	3	2	2	1	1	2	3								
16	1	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	3	2								
17	2	3	3	3	2	2	1	1	2	2	2	1	2	3	3	***	***	***	***	***	***	***	***	***	***								
18	***	***	***	***	***	***	***	***	***	***	***	***	2	3	4	4	3	4	3	2	2	1	1	1	***								
19	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1								
20	2	2	2	2	2	2	3	3	2	2	1	1	2	2	2	2	6	5	3	3	3	3	3	2	3								
21	2	2	3	2	2	1	1	2	2	2	2	3	2	4	4	4	4	3	2	2	2	1	2	1	2								
22	1	1	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	1	1	1	1	1	1	0	1								
23	1	1	1	1	1	2	2	2	2	2	2	2	2	3	***	5	5	4	4	3	4	4	4	4	3								
24	4	4	4	4	3	3	4	4	4	3	4	5	5	5	5	5	5	6	5	5	5	4	5	5	4								
25	4	5	5	5	5	5	4	5	5	5	5	6	6	6	6	5	4	5	4	5	4	4	4	5	5								
26	6	5	4	5	5	4	4	3	4	5	5	5	5	4	3	3	3	4	5	5	4	4	3	2	4								
27	2	2	2	2	3	3	3	4	4	4	3	2	1	2	1	2	4	3	2	2	4	4	4	2	3								
28	1	1	0	1	1	0	0	1	1	1	1	1	1	0	1	1	1	2	3	3	2	1	1	1	1								
29	1	2	1	2	3	4	3	4	4	3	2	1	2	2	2	2	2	2	2	1	1	1	1	0	2								
MEAN	2	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2.6								

PERCENTAGE OF DATA VALID - 93.5

PERCENTAGE OF DATA INVALID - 6.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	0	1	1	1	2	1	1	1	2	2	1	2	2	2	2	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2	1	1	2	1	1	2
3	1	1	1	1	1	1	2	2	3	-	3	3	4	4	3	5	5	5	4	4	4	4	4	4	3
4	3	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	4	4	4	4	3	4	3	3
5	4	4	4	4	4	3	3	3	4	2	2	1	1	1	2	1	1	1	2	1	2	2	1	2	2
6	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	2	3	4	4	3	2	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1
8	1	2	3	2	2	2	2	2	1	2	2	1	2	2	2	2	3	4	4	4	3	3	3	4	2
9	4	3	2	3	2	2	3	3	2	1	1	1	1	***	3	2	2	3	2	3	3	4	5	6	3
10	7	6	5	3	3	3	3	3	3	4	5	4	4	4	4	4	4	4	4	6	5	3	2	2	4
11	2	2	1	1	1	1	1	2	2	3	2	1	2	2	2	1	2	2	2	3	3	2	2	2	2
12	1	1	1	1	2	2	1	2	2	2	2	3	3	3	4	5	5	4	2	5	4	5	3	2	3
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	4	4	3	3	3	2
14	3	4	2	4	4	4	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3
15	1	1	2	1	1	2	4	3	1	2	2	1	1	1	***	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	1	2	3	3	4	3	2	2	2	2	2	2	2	2	1	1	1	1	0	2
17	0	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	3	2	4	3	3	2	2	2
18	2	2	3	5	4	4	4	3	3	2	3	3	4	4	4	4	4	3	3	4	3	4	4	5	4
19	5	5	5	6	6	6	6	6	5	6	4	3	4	4	***	5	5	8	9	7	5	6	5	4	5
20	4	4	3	3	3	2	2	3	3	4	4	4	4	4	3	3	5	4	4	3	3	3	3	3	3
21	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
22	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	2	4	5	4	4	3	3	4	4	2
23	3	4	4	4	4	5	5	4	3	3	3	3	3	4	4	4	5	5	4	4	4	4	4	4	4
24	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	2	4	3	4
25	3	3	3	2	1	2	3	3	1	1	1	2	2	2	2	2	2	3	3	4	5	4	3	3	3
26	3	2	3	2	1	2	2	2	3	3	3	2	2	2	***	4	3	2	2	2	2	1	2	4	2
27	3	3	2	2	1	3	3	3	1	2	2	2	2	1	2	2	1	1	1	1	1	1	2	2	2
28	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1	
29	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
30	2	2	1	1	1	2	2	2	2	2	2	2	2	2	1	1	4	5	5	4	1	1	1	1	2
31	1	1	2	2	2	2	3	4	2	3	3	3	4	3	3	4	4	4	3	3	3	3	4	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 99.3      PERCENTAGE OF DATA INVALID - 0.5      PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	3	4	4	3	****	****		3	2	2	3	4	4	2	2	2	2	2	2	2	3
2	2	1	1	1	0	1	1	1	2	1	****	1	1	2	2	2	3	3	3	3	3	3	3	3	2
3	3	3	3	4	4	4	4	3	4	2	1	1	1	1	1	2	2	3	3	2	2	1	1	1	2
4	1	1	1	0	0	1	1	1	0	1	0	0	1	0	0	1	1	1	1	2	2	3	4	4	1
5	3	3	2	3	3	3	3	3	4	3	1	1	1	2	****	2	2	3	3	3	3	4	3	3	3
6	3	4	4	3	2	3	3	3	3	2	1	2	1	2	1	1	2	2	2	3	4	4	3	5	3
7	5	5	5	4	4	2	3	3	2	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2
8	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
9	1	2	2	2	3	3	2	2	1	1	2	1	2	2	2	2	2	2	3	4	4	5	6	5	3
10	5	4	4	5	5	5	5	5	4	3	3	1	2	1	2	2	3	4	4	5	4	3	2	2	3
11	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1
12	1	1	2	2	1	2	2	2	2	2	2	1	1	1	2	2	2	2	2	4	5	5	5	4	2
13	3	3	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	5	7	8	8	4	4
14	7	6	6	6	6	6	6	8	9	6	6	4	7	7	6	5	6	7	4	3	3	4	5	5	6
15	6	7	7	6	5	5	5	5	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16													-	DATA INVALID	-										
17													-	DATA INVALID	-										
18													-	DATA INVALID	-										
19													-	DATA INVALID	-										
20	****	****	****	****	****	****	****	****	****	****	****	-	-	-	-	2	2	2	2	2	2	2	2	3	*****
21	3	3	2	1	1	1	1	1	1	2	3	4	4	3	2	1	2	1	2	2	3	3	1	2	2
22	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2
23	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
24	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	1	1	2	2	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	0	0	1	1	1	1	1	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1
27	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	2	1	2	2	3	2	1	1	1
28	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	3	4	4	3	2
29	4	3	4	3	2	2	2	2	2	1	1	1	2	2	2	1	1	1	1	2	3	4	3	3	2
30	4	3	2	2	2	2	2	4	6	6	2	2	3	2	****	3	3	3	2	3	2	2	3	2	3
MEAN	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	3	3	3	2.2

PERCENTAGE OF DATA VALID - 81.5      PERCENTAGE OF DATA INVALID - 17.5      PERCENTAGE OF DATA UNAVAILABLE - 1.0

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - D.D1 PARTS/MILLION

STATION - SW ND 14D49

156 VICTORIA ST NORTH SARNIA

MONTH - MAY 76

HDUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	3	5	4	4	4	4	4	3	4	4	3	3	2	2	3	3	3	4	4	3	4	4	3
2	4	4	4	3	3	3	3	3	3	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	2
3	1	1	1	1	1	D	1	1	1	-	1	1	1	2	1	2	2	2	2	2	2	2	2	2	1
4	1	1	2	2	2	3	3	2	2	2	2	2	2	1	2	2	2	2	2	5	5	5	5	5	3
5	4	4	4	4	4	4	4	4	4	3	3	3	4	3	4	4	3	3	3	4	3	1	1	1	3
6	1	1	1	1	1	1	2	2	1	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	*****
7	1	0	D	1	1	1	1	1	2	2	1	1	1	1	2	1	1	2	2	2	4	3	2	2	1
8	2	2	2	2	3	3	2	3	2	1	2	2	2	2	1	2	2	2	2	2	4	4	4	4	2
9	4	4	5	5	5	3	3	3	3	2	1	1	1	1	1	1	1	2	2	3	4	6	5	5	3
10	5	5	5	4	5	5	5	4	3	2	2	2	3	3	4	5	5	4	6	7	9	6	5	1	4
11	D	0	D	1	1	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
12	1	1	1	1	1	1	1	1	2	1	1	1	D	1	1	1	1	1	1	3	4	2	2	2	1
13													- DATA INVALID -												
14													- DATA INVALID -												
15													- DATA INVALID -												
16													- DATA INVALID -												
17													- DATA INVALID -												
18													- DATA INVALID -												
19													- DATA INVALID -												
20													- DATA INVALID -												
21													- DATA INVALID -												
22													- DATA INVALID -												
23													- DATA INVALID -												
24													- DATA INVALID -												
25													- DATA INVALID -												
26													- DATA INVALID -												
27													- DATA INVALID -												
28													- DATA INVALID -												
29													- DATA INVALID -												
30													- DATA INVALID -												
31													- DATA INVALID -												
MEAN	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2.4

PERCENTAGE OF DATA VALID - 37.0

PERCENTAGE OF DATA INVALID - 61.3

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - D.D1 PARTS/MILLION

STATION - SW ND 14D49

156 VICTORIA ST NORTH SARNIA

MONTH - AUG 76

HDUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3	3	4	4	4	4	4	4	4	4	4	5	5	6	*****
4	5	6	4	3	5	5	6	6	6	5	2	2	3	4	5	5	5	6	6	4	6	7	7	5	5
5	6	6	6	6	7	7	8	8	8	8	6	6	6	5	4	4	3	3	3	3	2	1	2	1	5
6	1	D	D	D	D	1	2	1	1	1	1	1	1	2	2	2	2	1	2	2	2	1	2	1	1
7	1	1	D	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
8	2	1	1	1	1	2	2	1	2	1	1	1	1	2	1	2	1	1	1	2	4	5	4	4	2
9	3	2	2	2	1	2	3	3	2	2	2	2	2	2	2	3	2	1	1	2	2	2	2	2	2
10	2	2	2	2	2	4	4	5	6	5	4	2	3	4	*****	3	4	4	2	2	3	3	2	3	3
11	1	1	3	3	4	4	5	6	*****	*****	6	7	5	6	5	5	5	6	5	5	5	8	8	8	5
12	6	7	5	6	6	6	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
13													- DATA INVALID -												
14													- DATA INVALID -												
15													- DATA INVALID -												
16	*****	*****	*****	*****	*****	*****	-	-	-	*****	*****	*****	*****	*****	2	2	1	1	3	4	4	4	4	3	*****
17	3	4	3	3	2	3	4	3	3	2	2	2	1	1	2	2	2	2	1	3	5	4	4	4	3
18	4	3	3	3	3	4	4	5	6	4	2	2	2	1	2	4	1	1	2	3	4	5	6	3	3
19	6	4	4	4	4	4	5	5	*****	4	6	4	6	4	5	4	2	5	4	3	2	3	4	3	4
20	4	5	6	4	4	5	9	5	6	7	5	3	3	5	4	7	4	3	3	5	5	4	5	4	5
21	3	3	3	4	3	4	6	6	8	5	4	3	5	6	3	4	5	3	3	4	3	6	6	6	4
22	8	6	5	8	7	5	5	5	3	3	1	2	2	2	2	2	4	4	7	7	11	7	5	1	5
23	1	1	1	1	2	2	2	3	*****	*****	2	1	1	1	*****	2	1	1	1	1	1	1	1	1	1
24	1	1	1	1	2	3	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	4	5	4	2
25	4	4	4	5	3	4	4	4	3	4	3	3	3	3	4	4	2	3	4	3	3	5	4	4	4
26	5	5	3	3	3	4	9	9	6	4	1	1	0	6	7	7	9	6	7	7	6	6	5	6	5
27	5	4	5	5	6	6	6	7	8	8	8	9	*****	*****	5	6	5	7	7	9	6	7	8	8	7
28	7	8	7	6	4	5	4	2	2	2	3	4	2	2	1	1	1	2	3	3	4	3	3	2	3
29	1	1	1	1	0	0	1	D	0	D	D	0	D	D	D	1	1	1	1	3	2	2	3	2	1
30	1	1	D	1	1	2	2	1	1	1	1	1	1	*****	*****	0	0	D	D	0	D	D	D	0	1
31	D	0	D	D	D	D	D	D	0	2	6	5	6	2	*****	4	4	7	3	2	3	5	5	1	2
MEAN	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3.3

PERCENTAGE OF DATA VALID - 76.6

PERCENTAGE OF DATA INVALID - 23.0

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION													
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - SEP 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	2	1	4	3	4	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	
2	1	0	1	2	2	1	1	1	1	1	0	1	1	1	1	2	1	1	2	3	2	2	2	1	1	
3	1	1	1	1	2	1	2	3	3	4	4	3	4	4	4	4	6	6	3	5	6	4	6	5	3	
4	5	6	4	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2	1	2	
5	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	2	1	0	1	0	1	
6	1	2	2	2	1	1	1	1	1	1	0	0	1	1	1	1	3	2	4	7	5	5	4	5	2	
7	5	4	4	4	5	4	4	4	4	5	4	6	7	5	6	7	7	6	7	9	9	7	5	6	6	
8	6	5	5	5	5	5	5	5	3	3	3	3	3	3	-	5	4	5	8	9	9	7	6	7	5	
9	5	5	4	4	4	5	7	9	9	11	9	6	4	5	5	4	4	4	4	1	1	1	1	1	5	
10	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	****	****	****	****	****	****	1	
11														- DATA INVALID -												
12														- DATA INVALID -												
13	****	****	****	****	****	****	****	****	****	****	****	****	6	5	5	5	6	6	6	3	3	2	4	6	6	****
14	6	6	6	6	5	6	5	6	6	6	7	6	6	5	7	7	6	5	4	3	3	5	4	5	5	
15	3	1	1	1	1	1	2	2	2	2	2	2	3	3	1	2	2	2	2	2	1	1	1	1	2	
16	1	1	1	1	1	2	2	3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2	2	
17	2	2	2	1	2	2	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	
18	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	3	4	4	4	4	3	2	
19	2	2	1	1	2	1	2	2	2	2	2	2	2	3	4	4	4	4	5	5	5	5	6	6	3	
20	4	3	4	3	2	2	2	2	3	3	4	2	1	1	****	1	1	1	1	1	1	1	1	1	2	
21	1	1	1	1	1	2	2	2	2	2	1	2	2	1	****	2	2	2	2	2	1	1	1	1	2	
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	3	4	3	4	3	2	
23	2	1	1	2	4	4	3	2	1	2	2	1	1	1	1	1	1	1	2	3	2	2	1	1	2	
24	1	1	1	1	1	2	2	2	2	1	3	2	2	2	2	2	3	4	4	3	2	3	3	4	2	
25	4	4	3	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	
26	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	
27	2	1	1	1	1	2	3	3	2	2	2	2	2	****	2	2	2	1	1	1	1	1	1	1	2	
28	2	1	1	1	0	1	2	2	2	2	2	1	2	2	1	1	1	2	4	4	3	4	4	4	2	
29	4	4	4	4	4	4	3	3	3	****	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	
30	1	1	1	1	1	1	2	3	3	4	4	2	2	2	2	3	3	4	3	2	2	3	2	2	2	
MEAN	3	2	2	2	2	2	3	3	2	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2.6	

PERCENTAGE OF DATA VALID - 90.3

PERCENTAGE OF DATA INVALID - 9.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	2	2	2	****	6	3	2	2	2	2	3	3	4	4	2	1	2	2	2
2	2	2	2	2	2	2	2	2	2	1	1	1	3	2	2	2	1	1	2	4	4	4	3	3	2
3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1	2
4	1	1	1	1	1	1	2	2	1	1	1	1	1	3	3	2	1	1	2	2	1	1	1	1	1
5	1	1	1	1	2	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	2	2	1
6	2	2	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1
7	****	****	****	0	0	0	1	1	1	0	1	1	1	1	0	1	1	1	1	0	1	0	0	0	1
8	0	0	0	1	1	1	1	1	2	1	1	2	1	1	1	****	1	1	1	1	1	1	1	1	1
9	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1
12	1	2	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	3	3	4	4	3	2
13	3	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	3	1
15	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
16	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0
18	0	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	2	2	2	2	2	1	1	1
19	0	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	1	1	1	0	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	****	****	****	0	0	1	1	1	1	1	1	1	1	1	1
23	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
25	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
26	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	0	1	2	2	3	3	2	1	2	3	3	3	2	2	1	1	1	2	2	2	2	1	2
28	1	1	1	1	2	2	2	2	2	2	1	1	1	****	****	3	4	4	5	6	5	4	3	3	3
29	3	3	3	2	2	3	4	4	5	4	3	2	2	2	2	3	3	3	6	6	7	6	6	6	4
30	5	6	6	5	5	5	4	5	5	5	5	7	5	6	5	5	5	5	5	5	4	4	2	2	5
31	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1.4

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	2	2	2	3	4	4	5	4	2	2	2	2	3	3	4	6	7	6	6	5	5	4
2	5	5	6	6	4	4	4	4	4	****	5	6	5	5	4	4	6	5	5	4	4	4	4	4	5
3	5	5	4	3	3	3	3	4	4	3	2	2	2	2	2	3	3	2	3	4	4	4	3	4	3
4	4	4	3	4	4	4	4	3	4	4	4	4	4	5	4	5	4	4	3	4	3	4	3	2	4
5	3	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	4	3	2	3	4	4	4	3
6	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	2	3	3	4	4	3	2	2	3	3
7	3	2	2	2	2	2	1	2	2	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	5	4	2	3	4	4	4	3	2
9	3	3	3	2	2	2	2	4	4	****	3	5	3	3	4	3	3	5	5	5	5	4	3	1	3
10	2	2	2	2	3	3	3	3	3	2	2	3	3	2	2	1	2	2	2	1	1	1	0	0	2
11	0	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
12	0	0	0	1	1	1	1	1	1	1	1	2	2	2	3	3	2	3	3	3	3	2	2	2	2
13	3	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	2	2	3	3	2	2	2	2	2
14	3	3	3	3	3	3	3	3	2	2	1	1	1	1	2	2	2	2	3	3	4	4	4	4	3
15	3	3	2	3	3	3	4	4	4	4	3	2	2	2	3	3	4	5	6	6	5	5	4	4	4
16	3	3	4	3	3	4	4	4	5	4	4	4	3	3	4	3	4	5	6	6	6	7	7	7	4
17	7	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	6	4	3	3	3	3	3	3	5
18	3	3	3	3	4	3	2	3	4	4	3	3	2	2	3	4	5	5	5	5	5	5	5	5	4
19	5	4	4	3	3	3	3	3	4	3	2	3	3	3	3	4	3	4	3	3	3	3	3	2	3
20	2	2	3	2	2	2	2	3	3	4	4	4	4	4	4	4	3	4	4	3	4	4	4	4	3
21	4	3	3	3	2	2	3	3	3	2	1	2	1	1	1	1	1	1	2	3	2	3	2	2	2
22	1	1	1	1	1	1	1	2	2	****	3	3	3	2	2	2	3	3	2	3	2	2	2	2	2
23	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2
24	1	2	2	2	3	3	3	4	4	4	4	4	3	4	4	4	4	4	3	3	4	3	3	4	3
25	4	4	5	5	3	3	4	4	5	6	6	6	6	6	5	5	4	4	3	3	2	3	4	4	4
26	5	5	4	4	4	4	4	4	5	5	5	5	5	5	****	4	5	5	5	4	4	3	3	3	4
27	3	2	2	3	2	2	4	4	4	2	2	3	3	4	3	3	3	3	3	3	2	2	2	2	3
28	1	2	2	2	1	1	1	2	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2
29	2	1	1	1	1	2	2	3	3	3	3	2	2	****	****	****	3	2	3	2	2	2	3	3	2
30	4	3	3	2	2	3	3	3	3	2	2	3	4	3	3	3	4	3	3	3	4	4	4	4	3
MEAN	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION													
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - DEC 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	3	4	3	4	3	3	4	4	5	6	5	4	5	5	5	5	5	5	4	4	3	3	3		
2	3	3	4	3	2	2	4	3	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****		
3													- DATA INVALID -													
4													- DATA INVALID -													
5													- DATA INVALID -													
6													- DATA INVALID -													
7	****	****	****	****	****	****	****	****	****	****	****	****	4	4	3	3	4	4	3	3	3	2	3	2	2	*****
8	3	3	3	2	3	2	3	4	5	5	5	3	2	-	3	3	3	3	3	3	3	3	3	3	3	
9	2	3	3	2	2	2	3	4	4	5	4	5	5	4	3	3	3	3	3	3	3	3	2	2	3	
10	4	4	4	4	4	4	4	5	5	5	6	6	5	5	5	5	5	3	3	3	3	2	2	2	4	
11	2	2	2	1	2	2	2	3	4	4	4	4	4	4	4	4	4	5	4	3	4	4	4	4	3	
12	4	4	4	4	4	4	4	4	3	3	3	3	3	4	4	3	3	3	3	3	2	1	1	1	3	
13	1	1	1	2	3	2	3	3	3	3	3	2	2	3	3	3	3	4	4	5	4	4	4	4	3	
14	4	4	4	4	4	5	4	4	5	5	5	5	5	5	3	4	5	5	5	5	4	3	4	4	4	
15	5	5	4	4	4	4	4	5	5	4	4	5	5	5	7	8	8	9	6	5	6	6	6	5	5	
16	5	5	4	4	5	5	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	5	4	3	5	
17	2	3	4	4	4	4	3	4	4	3	3	2	2	2	2	3	3	2	2	2	2	2	1	1	3	
18	2	1	1	1	1	1	2	2	2	3	2	2	3	3	3	4	4	4	3	3	2	2	2	3	2	
19	3	3	3	4	4	4	5	4	4	4	5	5	7	7	8	8	9	8	7	7	6	5	4	5	5	
20	5	4	4	4	4	4	3	3	2	2	2	2	1	2	-	3	2	2	1	1	1	1	1	1	2	
21	0	0	1	1	2	1	0	1	2	1	1	1	1	2	1	2	3	4	3	3	3	2	2	2	2	
22	2	2	3	3	3	4	3	4	3	3	3	4	4	4	4	4	5	4	4	4	4	4	4	3	4	
23	3	4	4	3	3	2	3	3	3	3	3	4	3	3	2	2	3	2	2	3	2	3	2	3	3	
24	2	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	2	2	2	2	3	2	3	3	3	
25	4	4	4	4	4	4	4	4	4	3	3	3	2	2	2	3	3	3	2	2	2	3	3	3	3	
26	4	3	2	2	3	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	0	0	2	
27	0	0	2	2	2	2	2	3	3	2	2	4	4	2	1	2	2	2	2	2	2	4	3	3	2	
28	3	2	3	3	2	3	3	4	4	4	4	3	3	3	3	3	4	4	4	3	2	2	2	3	3	
29	3	3	2	1	1	1	1	3	3	****	****	****	1	2	2	2	3	2	3	3	3	4	4	3	2	
30	4	4	3	4	4	4	4	5	4	3	3	5	3	3	2	3	5	5	3	3	3	4	4	3	4	
31	3	3	3	3	3	2	2	2	3	2	1	2	2	1	2	3	1	1	1	2	1	1	1	1	2	
MEAN	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3.2	

PERCENTAGE OF DATA VALID - 83.3

PERCENTAGE OF DATA INVALID - 16.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.6	4	5
FEB	26	2.6	5	8
MAR	31	2.4	5	9
APR	24	2.2	6	9
MAY	11	2.4	4	9
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG	23	3.3	7	11
SEP	27	2.6	6	11
OCT	31	1.4	5	7
NOV	30	3.0	5	7
DEC	25	3.2	5	9
YEAR	259	2.6	7	11

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	126	453	158	0	0	0	0	737
FEB	141	351	154	5	0	0	0	651
MAR	217	352	166	4	0	0	0	739
APR	251	242	82	12	0	0	0	587
MAY	95	113	65	2	0	0	0	275
JUN	DATA UNAVAILABLE							
JUL	DATA UNAVAILABLE							
AUG	138	185	200	46	1	0	0	570
SEP	211	277	141	20	1	0	0	650
OCT	502	181	44	2	0	0	0	729
NOV	100	389	217	7	0	0	0	713
DEC	63	314	231	12	0	0	0	620
YEAR	1844	2857	1458	110	2	0	0	6271

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALUE			CONCENTRATIONS								MAX	ARITH MEAN
VALIO	MIN	10	30	FREQUENCY 50	DISTRIBUTION 70	PERCENT 90	95	98	99			
85.7	0	0.3	1.0	1.8	2.8	4.1	4.9	5.9	6.8	11	2.6	

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - JAN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	4	3	4	6	4	3	3	3	*****
13	3	3	3	3	3	3	3	4	4	3	2	2	4	2	***	4	5	4	4	4	4	4	3	2	3
14	1	0	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	4	5	3	2	2	1	1	2
15	1	1	1	1	1	2	2	3	3	3	3	3	2	2	3	2	3	3	4	3	2	3	3	2	2
16	2	3	3	2	3	2	2	3	3	3	3	2	2	1	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	***	***	1	2	1	1	1	2	2	3	4	5	5	5	5	*****
18	5	5	5	4	5	5	5	5	6	8	8	4	1	1	2	3	3	4	4	4	5	5	5	5	4
19	5	4	4	4	4	4	4	3	3	***	3	3	3	3	4	5	4	4	3	4	3	2	2	3	4
20	2	2	3	2	3	3	3	3	3	3	2	2	3	2	2	2	2	4	4	4	5	5	4	3	3
21	3	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	3	2	1	1	2	1	1	1	2
22	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	3	3	2	3	3	2	2
23	2	3	4	4	4	4	4	4	4	3	2	2	2	2	1	2	3	3	3	3	3	4	4	4	3
24	4	3	3	3	2	2	2	3	2	2	2	2	2	2	2	3	4	4	5	8	7	6	6	6	4
25	5	4	4	4	4	4	4	4	4	3	3	2	3	3	2	3	3	3	3	3	2	2	3	3	3
26	3	2	3	3	3	3	2	3	4	4	***	3	2	3	3	3	3	3	3	2	2	2	1	1	2
27	2	3	3	1	1	1	1	3	2	2	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2
28	2	2	3	3	3	3	3	4	5	3	3	2	2	2	2	3	3	4	4	3	3	3	3	3	3
29	3	3	3	3	3	2	1	2	2	1	1	1	1	1	1	2	1	2	2	2	3	3	3	3	2
30	3	4	4	4	4	4	4	4	4	3	2	1	2	2	2	2	4	4	5	5	5	5	5	5	4
31	6	5	5	6	5	5	5	5	4	3	4	3	5	6	4	2	3	4	3	3	4	2	2	2	4
MEAN	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	4	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 59.5      PERCENTAGE OF DATA INVALID - 3.1      PERCENTAGE OF DATA UNAVAILABLE - 37.4

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - FEB 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	1	0	1	1	1	0	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	2	2	***	3	4	4	4	4	3	2
3	3	3	4	3	3	4	4	3	3	3	2	2	2	2	2	3	3	4	4	5	4	4	3	3	3
4	3	4	3	3	3	3	3	3	2	2	1	1	1	1	2	1	2	3	3	4	3	3	3	4	3
5	4	5	5	5	5	5	5	5	3	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4
6	4	4	4	4	5	4	3	4	3	2	1	1	1	1	1	2	2	3	4	4	4	2	2	2	3
7	2	2	2	2	2	2	2	2	3	3	2	2	3	3	3	2	2	2	2	2	1	1	1	1	2
8	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	2
9	4	4	4	5	5	6	6	8	9	8	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	- DATA INVALID -																								
11	- DATA INVALID -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
MEAN	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 29.0      PERCENTAGE OF DATA INVALID - 7.8      PERCENTAGE OF DATA UNAVAILABLE - 63.2

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001

WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
29	3	3	2	2	2	2	4	5	4	3	2	2	2	3	3	3	2	2	2	2	2	4	5	4	3
30	3	3	1	1	1	1	2	2	3	2	2	1	2	2	2	3	3	3	3	3	3	3	3	2	2
MEAN	3	3	2	2	2	2	3	4	4	3	2	2	2	2	3	3	3	2	3	3	2	3	4	3	2.6

PERCENTAGE OF DATA VALID - 8.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 91.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001

WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
4	2	2	2	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	5	5	6	4	1
5	3	2	2	2	2	2	3	3	2	1	1	1	1	0	1	1	3	3	4	4	3	3	3	3	2
6	3	3	3	3	3	3	3	4	****	2	1	1	1	1	2	3	2	1	2	3	5	5	5	5	3
7	6	5	3	2	2	2	3	4	4	3	2	2	2	3	2	3	3	4	5	5	2	2	4	4	3
8	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
9	2	2	2	2	2	2	2	2	1	0	0	0	0	1	1	1	2	1	2	3	5	5	5	4	2
10	4	3	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	6	6	4	3
11	3	3	3	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	2	****	1	1	2	1	1	1	1	2	2	1	1	2	3	3	4	2
14	3	3	2	3	3	3	4	4	3	4	4	2	2	2	2	3	2	2	2	3	2	3	3	2	3
15	2	2	2	2	2	3	4	4	3	2	2	2	2	1	1	2	2	1	2	2	4	5	5	3	3
16	2	1	1	1	2	3	3	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	1
17	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	4	3	4	4	3	2
18	3	3	3	3	3	3	3	2	2	2	2	2	2	1	1	1	1	2	2	4	6	6	4	2	3
19	1	2	2	1	2	5	5	3	3	4	4	-	2	3	3	3	3	2	4	2	3	3	4	3	3
20	2	2	2	3	3	4	4	4	4	3	3	2	2	3	3	3	3	3	4	4	3	2	2	2	3
21	1	1	1	1	1	1	2	2	2	1	1	2	1	2	2	2	2	1	1	2	4	4	3	2	2
22	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
23	2	2	2	3	3	3	3	3	3	3	3	2	2	3	2	2	1	2	3	5	2	3	4	3	3
24	4	2	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	2	1	2	1
25	2	2	2	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	2	4	3	3	1	1
26	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
27	2	2	2	1	2	3	4	4	3	2	2	2	2	2	1	1	1	1	1	2	4	5	4	3	2
28	3	2	2	2	3	3	3	4	3	2	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2
29	1	1	1	1	2	2	2	2	2	2	2	4	2	3	2	2	2	2	2	2	2	2	2	1	2
30	1	1	1	1	1	1	1	2	1	****	1	1	1	1	1	1	1	2	2	3	4	3	4	4	2
31	3	3	2	2	3	3	2	2	2	2	2	1	1	1	1	1	1	0	0	1	1	1	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	2	2	3	3	3	3	1.9

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW ND 150D1

WESTERN FAIR GROUND KING/RECTORY, LONDON

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	2	2	2	2	1
2	2	2	2	2	2	2	3	4	***	1	1	1	1	1	1	1	1	1	1	2	3	3	3	4	2
3	3	2	2	2	2	2	5	5	3	2	2	2	2	2	2	2	2	2	3	4	5	6	4	4	3
4	4	4	4	4	4	4	5	4	3	2	2	2	2	2	2	3	3	4	5	6	7	8	6	3	4
5	3	2	3	3	2	4	4	3	3	2	3	2	***	4	5	4	6	4	5	6	2	2	1	1	3
6	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	1
7	2	2	1	1	2	2	1	1	1	1	1	1	1	1	2	3	3	4	4	3	4	3	2	2	2
8	1	1	1	1	0	1	1	1	1	1	1	1	2	3	2	3	3	2	2	3	3	3	3	3	2
9	3	2	2	2	2	3	3	2	1	1	1	***	1	1	1	2	2	2	2	2	2	3	4	3	2
10	3	2	2	2	2	3	3	4	2	1	1	1	1	1	1	1	2	2	3	3	3	5	4	4	2
11	4	4	3	2	3	3	3	4	3	3	2	2	2	3	3	4	3	3	4	5	4	6	4	4	3
12	3	2	4	5	5	5	5	4	3	4	4	3	3	2	2	3	2	3	4	5	5	3	2	2	3
13	2	2	1	1	2	2	3	3	***	***	2	2	2	3	3	4	4	4	3	4	4	4	3	3	3
14	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	4	2
15	2	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	3	2	2	3	2	1
16	2	2	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	4	2
17	3	3	3	3	3	3	4	3	2	2	1	1	2	2	2	2	2	2	2	3	4	5	5	4	3
18	4	4	4	3	3	3	3	4	4	3	2	1	1	1	2	2	2	2	2	6	6	6	6	6	3
19	5	4	4	3	3	3	4	4	5	3	2	1	2	2	2	2	2	2	4	6	7	7	6	7	4
20	6	6	5	5	5	5	6	6	3	3	2	2	2	2	2	3	4	4	6	10	10	10	10	8	5
21	7	7	6	6	7	5	4	5	5	3	2	2	2	2	2	2	2	3	6	6	6	7	9	9	5
22	8	8	6	5	4	4	4	5	3	2	2	1	1	1	1	1	1	2	3	4	4	5	5	3	3
23	4	3	2	2	1	1	1	2	***	1	1	1	1	1	2	2	1	1	2	3	2	1	2	1	2
24	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	3	4	3	2	3	4	2
25	4	3	3	3	3	3	3	4	3	3	2	1	1	1	2	3	3	3	4	6	8	8	6	6	4
26	6	5	5	5	5	4	5	5	6	6	3	3	2	2	3	3	3	3	4	3	3	4	3	3	4
27	3	2	2	2	1	2	3	3	3	3	3	2	3	2	***	3	3	3	4	4	3	3	2	2	3
28	3	2	2	2	1	2	3	2	2	2	2	2	2	2	2	2	2	2	3	5	4	4	2	2	2
29	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	1
30	3	3	3	3	3	3	3	3	2	***	***	1	1	1	1	1	2	2	2	3	3	4	4	3	2
31	3	3	3	3	2	2	3	5	4	3	3	3	2	3	3	3	3	3	4	4	3	3	2	2	3
MEAN	3	3	3	2	2	3	3	3	2	2	2	1	2	2	2	2	2	2	3	4	4	4	4	4	2.7

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001

WESTERN FAIR GROUND KING/RECTORY, LONDON

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	4	5	6	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	5	5	5	4	4	2
3	3	3	3	3	3	4	3	4	3	***	***	3	3	3	3	3	3	4	4	4	4	5	3	2	3
4	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	3	4	2	1	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1
6	2	2	2	2	2	2	2	2	1	1	0	0	1	1	1	1	1	1	3	6	3	3	3	2	2
7	4	5	3	3	5	4	5	4	3	3	3	2	3	3	3	4	4	4	5	5	5	4	3	3	4
8	4	3	4	4	4	5	6	4	***	***	2	2	***	2	3	3	2	3	6	7	8	10	11	10	5
9	10	9	8	7	5	5	5	7	10	6	3	3	3	3	4	5	3	4	4	4	3	1	1	1	5
10	1	1	1	1	1	1	2	2	2	***	2	1	1	1	2	2	2	3	3	3	3	3	3	3	2
11	3	3	3	2	3	3	3	2	2	2	2	1	2	2	2	2	2	3	5	6	6	5	5	5	3
12	5	4	4	3	4	4	4	3	3	3	3	2	2	1	2	2	2	3	7	11	10	9	8	7	4
13	9	6	2	3	3	6	10	7	6	9	3	3	3	***	3	4	4	5	5	7	9	9	8	9	6
14	4	4	4	4	3	5	7	6	5	4	4	3	3	3	4	4	5	6	7	5	4	4	7	6	5
15	3	2	2	4	4	5	6	5	2	2	2	3	3	2	2	3	4	3	4	4	4	3	3	4	3
16	4	3	4	3	3	4	4	5	***	3	3	2	3	3	3	3	3	3	4	4	3	3	3	2	3
17	3	3	3	3	2	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	3
18	2	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	4	4	4	4	4	4	2
19	4	4	4	3	3	3	3	2	2	1	1	2	1	2	2	2	2	5	6	4	7	8	6	5	3
20	2	2	4	4	4	4	4	4	3	2	2	2	2	2	1	1	2	2	1	1	1	2	4	4	2
21	1	2	2	2	3	3	3	3	2	2	2	1	1	2	3	6	3	2	2	2	2	2	1	2	2
22	1	1	1	1	1	1	2	3	2	2	2	2	2	1	2	2	2	3	4	5	5	4	5	2	4
23	5	4	4	3	3	4	4	4	3	3	3	2	2	1	2	2	3	3	4	4	4	4	3	3	3
24	3	3	3	3	3	4	5	6	3	2	2	2	2	2	1	2	3	3	4	4	4	5	5	5	3
25	4	4	6	5	4	4	5	6	6	5	4	4	3	3	3	4	4	6	7	9	9	8	7	5	5
26	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	4	2	3	3
27	3	3	2	2	1	2	3	3	3	3	-	2	2	3	3	3	3	4	4	3	2	2	1	3	3
28	1	1	2	2	2	3	3	3	2	1	1	1	2	2	2	2	3	4	5	5	5	5	4	4	3
29	4	3	3	4	4	4	6	6	4	3	3	2	3	3	4	4	4	5	5	7	7	6	6	6	4
30	4	4	3	3	4	5	6	6	7	4	2	2	2	2	3	4	4	5	9	8	6	6	5	5	5
MEAN	3	3	3	3	3	3	4	4	3	3	2	2	2	2	2	3	3	3	4	5	4	4	4	4	3.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	5	5	5	4	2	2	3	3	3	3	5	6	8	8	7	7	7	5
2	6	6	5	5	4	5	4	4	5	4	3	2	2	2	2	1	1	4	6	8	9	8	8	9	5
3	7	5	4	4	3	3	3	3	4	4	2	2	2	2	1	3	2	3	3	4	5	5	5	4	3
4	3	3	2	2	3	3	4	4	4	2	2	2	3	3	3	3	4	6	9	9	6	3	4	5	4
5	4	3	3	3	3	3	4	4	4	3	3	3	3	3	3	4	3	4	4	3	3	3	3	3	3
6	3	3	3	4	4	4	5	4	3	2	3	3	4	4	4	4	3	3	1	1	1	1	1	1	3
7	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	3	3	2	2	2	2	2
8	2	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	2
10	2	1	1	1	1	2	2	2	1	1	1	2	2	1	1	2	2	3	4	5	5	5	5	4	2
11	5	6	5	5	5	5	5	5	5	4	2	2	2	2	3	2	3	4	4	5	6	8	8	8	5
12	7	7	6	5	5	5	12	7	-	4	4	4	4	5	5	5	5	5	5	5	6	4	3	5	5
13	2	3	2	3	3	3	4	5	5	2	2	3	3	3	2	2	2	2	4	3	3	1	1	3	3
14	1	1	1	1	1	1	2	2	****	2	1	1	1	2	1	3	3	4	5	4	4	5	3	2	2
15	3	2	2	2	2	3	4	5	4	4	3	2	3	2	2	3	3	2	2	3	2	3	3	3	3
16	3	2	2	1	1	1	2	2	2	2	2	2	2	2	3	3	3	4	3	2	3	4	4	2	2
17	3	2	1	2	2	2	2	2	2	2	1	2	1	2	1	1	1	2	3	3	4	3	2	2	2
18	2	2	1	2	2	3	4	4	5	4	3	2	2	1	2	2	2	2	3	5	4	4	3	3	3
19	3	2	2	2	2	3	3	3	****	3	3	3	3	4	4	4	5	4	3	3	3	3	3	3	3
20	3	3	3	3	4	4	6	7	****	5	5	3	4	4	3	3	4	4	3	3	3	3	3	3	4
21	2	1	1	1	1	2	3	3	3	2	3	2	3	3	3	3	4	3	3	4	3	3	2	2	3
22	2	2	2	1	1	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
23	3	3	3	3	4	5	4	3	3	3	2	2	3	2	2	4	4	5	5	5	5	4	4	4	4
24	4	3	3	3	2	2	3	3	3	3	2	3	3	3	3	3	3	4	4	4	3	2	2	3	3
25	2	1	2	1	2	1	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	4	3	3	2
26	4	3	3	3	3	3	4	3	2	2	1	1	1	2	2	2	3	3	3	2	2	3	3	3	3
27	3	2	2	2	3	4	4	4	3	2	1	2	2	2	2	3	3	4	5	4	4	4	5	4	3
28	3	3	3	3	3	4	5	5	4	4	3	3	3	****	4	4	4	4	4	4	4	3	3	3	4
29	3	3	3	3	3	3	5	3	4	4	3	4	4	4	5	5	6	6	5	5	5	5	5	4	4
30	5	4	4	4	4	4	4	4	5	5	6	5	6	6	5	6	5	5	6	5	4	4	3	2	5
31	2	2	2	2	3	3	2	2	3	3	2	2	1	1	1	1	2	2	2	3	4	3	3	3	2
MEAN	3	3	3	3	3	3	4	3	3	3	2	2	3	3	3	3	3	4	4	4	4	4	4	3	3.1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		4	3	3	3		4		5	5	3			1	****	3	3	5	8	9	5	9	9		12
2	10	8	6	6	6	4	5	6	4	****	****	5	4	4	6	5	5	7	5	5	4	5	5	5	6
3		5	4	4	5	4	4	5	5	5	4	3	4	3	4	4	5	5	7	6	6	6	6	6	6
4		5	5	8	6	5	5	6	5	6	5	4	4	7	7	4	5	5	6	4	4	6	4	4	4
5		5	4	4	4	4	4	4	4	5	5	4	3	3	3	3	***	4	4	6	3	4	5	5	5
6		3	3	2	2	2	2	2	2	2	2	3	3	3	4	4	5	4	4	5	4	4	4	3	3
7		3	3	2	2	2	1	2	2	2	2	2	2	1	1	1	2	2	4	2	1	1	2	2	2
8		1	1	1	1	1	1	3	3	2	1	***	2	2	2	2	2	3	3	5	4	4	4	4	4
9		5	5		4	4	3	5	6	4	4	4	3	4	4	3	4	5	5	5	5	5	5	5	5
10		4	3	2	2	2	1	2	2	3	3	3	2	2	2	3	4	4	5	5	4	3	3	3	3
11		3	2	1	1	2	2	3	3	2	2	1	2	2	3	3	4	4	5	6	6	5	4	4	3
12		4	4	3	3	3	3	4	4	3	2	1	2	2	3	3	3	4	3	3	4	3	2	2	2
13		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	3	3	4	3	3	3
14		3	3	4	4	4	4	3	3	2	2	2	2	2	2	3	4	4	5	5	5	4	4	4	3
15		3	3	3	3	3	3	4	4	3	-	4	3	3	3	4	5	6	8	7	6	6	6	5	4
16		5	4	3	3	3	3	4	5	5	5	3	4	3	3	3	4	8	9	10	7	6	6	5	5
17		5	5	5	5	5	5	4	5	4	4	3	4	5	6	5	7	6	4	5	3	3	4	4	5
18		5	4	3	3	3	3	3	3	4	2	2	2	2	3	3	4	5	4	4	***	4	2	3	3
19		3	3	3	3	3	3	3	3	3	2	3	2	2	2	2	3	2	3	3	2	2	2	2	3
20		3	3	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	3	2	3	2	3	1	2
21		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	2
22		1	1	1	1	1	1	2	2	2	****	2	1	2	2	2	2	2	2	2	2	2	2	1	2
23		1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	2	2
24		2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	4	4	3	3	3	3	3	3	3
25		3	3	3	3	3	3	3	4	4	3	3	3	3	3	5	4	5	5	4	3	3	3	4	3
26		3	4	3	2	3	3	3	3	4	2	3	2	2	3	3	3	3	3	3	5	4	4	3	3
27		3	3	3	2	2	2	3	2	1	2	2	2	2	1	2	2	3	2	3	3	3	3	2	2
28		2	2	2	1	1	1	1	1	1	1	2	1	2	1	1	2	2	2	2	2	1	1	1	1
29		1	1	1	1	1	1	1	2	2	2	2	1	1	1	****	2	2	3	2	2	3	3	2	2
30		2	3	2	2	2	2	2	3	3	2	2	2	3	2	2	3	4	3	4	4	4	4	4	3
MEAN		3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	4	4	4	4	4	4	4	4	3.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 15001					WESTERN FAIR GROUNDS KING/RECTORY, LONDON										MONTH - DEC 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	4	3	4	4	5	5	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	3	4		
2	3	2	3	3	4	4	3	2	3	1	1	1	1	1	2	2	3	3	2	2	2	3	3	3	2		
3	3	3	2	2	3	3	3	4	5	5	4	****	3	3	3	4	3	3	4	4	4	4	5	4	4		
4	4	3	3	3	3	3	3	3	3	4	4	3	3	4	4	5	7	5	4	4	4	5	4	4	4		
5	4	4	3	3	2	3	2	3	2	2	2	3	4	4	4	3	3	3	2	2	2	2	2	2	3		
6	3	3	4	4	4	4	4	5	5	4	6	6	4	4	****	****	6	8	8	6	6	4	4	4	5		
7	4	3	4	5	3	3	2	2	2	2	2	1	2	2	1	2	2	3	2	2	2	2	2	2	2		
8	2	1	2	2	1	2	2	4	6	4	5	4	2	2	3	4	5	7	7	5	2	2	3	3	3		
9	2	2	2	2	2	2	3	4	5	3	4	4	4	5	4	4	4	4	5	5	4	3	3	3	3		
10	4	4	4	2	2	2	2	3	3	3	4	4	3	4	3	4	4	3	4	3	3	2	2	1	3		
11	1	2	1	1	1	1	2	2	2	3	2	1	2	3	3	3	3	4	4	4	4	4	4	4	3		
12	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	2	2	2	0	0	0	3		
13	0	0	0	0	0	0	1	1	2	1	****	1	2	3	3	2	3	4	6	6	5	5	4	5	2		
14	3	3	2	1	2	2	3	3	3	2	2	2	2	3	2	3	3	3	3	3	2	3	3	3	3		
15	3	3	3	3	3	3	4	4	5	4	3	3	3	4	4	3	4	6	6	5	4	5	5	4	4		
16	4	4	4	4	4	5	4	5	5	5	5	6	6	7	6	6	7	6	5	5	4	4	4	4	5		
17	4	3	2	2	2	3	3	4	3	2	2	2	1	1	1	2	2	2	1	1	1	2	2	2	2		
18	2	2	1	1	1	1	1	2	2	2	2	3	2	3	2	3	3	4	4	4	4	4	4	3	3		
19	4	5	6	5	4	4	3	3	4	3	4	4	4	4	5	5	6	6	5	5	5	5	5	6	5		
20	6	5	4	4	3	3	3	3	2	****	1	1	1	1	1	1	2	2	1	1	1	0	0	0	2		
21	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1		
22	2	2	2	2	2	2	3	2	3	3	3	3	2	2	3	3	3	3	4	4	3	3	3	3	3		
23	3	2	3	2	2	2	2	3	3	3	3	4	4	4	3	2	3	2	1	1	1	2	2	2	2		
24	2	2	2	2	2	3	4	4	4	3	2	2	3	2	3	4	3	4	3	3	2	3	4	3	3		
25	3	3	2	2	2	2	2	3	3	2	2	2	2	2	3	4	4	4	4	3	2	2	2	2	3		
26	2	3	2	3	3	3	3	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	2	2		
27	2	1	1	1	1	1	1	1	2	2	3	2	2	3	3	2	4	4	5	4	3	4	4	4	3		
28	3	3	3	3	3	3	2	3	3	3	2	3	3	4	3	2	3	4	4	4	3	3	3	3	3		
29	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	4	3	4	3	4	4	4	3		
30	4	4	4	5	3	3	3	3	3	4	5	5	6	5	3	3	3	4	5	4	5	3	3	3	4		
31	3	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2		
MEAN	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3.0		

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	2.9	4	8
FEB	8	2.6	4	9
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	2	2.6	3	5
JUL	31	1.9	3	6
AUG	31	2.7	5	10
SEP	30	3.2	6	11
OCT	31	3.1	5	12
NOV	30	3.2	6	12
DEC	31	3.0	5	8
YEAR	211	2.8	6	12

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	60	259	120	4	0	0	0	443
FEB	50	105	44	3	0	0	0	202
MAR		DATA UNAVAILABLE						
APR		DATA UNAVAILABLE						
MAY		DATA UNAVAILABLE						
JUN	5	49	8	0	0	0	0	62
JUL	306	360	74	0	0	0	0	740
AUG	193	365	156	21	0	0	0	735
SEP	100	362	207	40	2	0	0	711
OCT	80	420	217	21	1	0	0	739
NOV	66	396	230	18	1	0	0	711
DEC	84	414	234	7	0	0	0	739
YEAR	944	2730	1290	114	4	0	0	5082

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
77.3	0	0.5	1.4	2.1	2.9	4.3	5.1	6.3	7.6	12	2.8

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE												MONTH - JAN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	2	2	1	2	*****
6	2	2	2	2	2	2	3	3	2	2	1	2	1	2	2	2	3	3	4	4	4	3	3	3	2
7	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	2	2	2	2	2	1	1
9	1	2	3	3	3	2	2	2	2	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2
10	3	3	3	3	3	3	3	3	2	2	1	0	0	0	0	1	1	2	2	2	2	2	2	2	2
11	3	2	2	2	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	2	2	3	3	2	2
12	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	1
13	1	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	4	2	3	3	4	3
14	3	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	****	****	****	****	****	****	****	****	0
15	- DATA INVALID -																								
16	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	0	0	1	1	0	0	0	1	*****
17	0	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	2	2	2	2	2	1
18	2	2	2	2	2	2	2	2	1	1	1	0	0	0	0	1	1	1	2	2	1	1	1	1	1
19	1	2	2	2	2	2	3	3	2	2	****	2	2	2	2	3	3	3	3	3	2	2	2	2	2
20	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	3	2	3	3	2
21	2	2	2	2	1	2	2	2	1	1	****	****	****	****	1	1	2	2	1	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0
23	2	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	2	4	4	2	2	1	0	1	1
24	0	1	1	0	0	0	1	3	2	1	0	0	0	1	2	3	3	4	4	4	4	4	4	4	2
25	4	4	3	3	3	3	3	3	3	2	2	2	2	2	1	2	3	3	3	3	3	3	3	3	3
26	3	2	2	3	2	2	1	1	1	2	****	2	1	1	2	3	3	3	2	1	1	1	0	0	2
27	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	0
28	1	1	0	0	0	1	2	2	2	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	1
29	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
30	1	1	0	1	3	2	1	1	1	1	2	2	2	3	3	4	3	2	3	3	3	3	3	3	2
31	3	3	3	4	3	3	3	3	3	2	2	1	1	1	2	2	3	2	2	1	1	1	1	1	2
MEAN	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 78.9

PERCENTAGE OF DATA INVALID - 6.6

PERCENTAGE OF DATA UNAVAILABLE - 14.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071												EXPERIMENTAL FARM SIMCOE													
MONTH - FEB 76																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	1	0	***	0	0	0	0	0	1	2	2	1	1	2	2	2	1
3	2	2	2	2	2	1	1	2	2	1	1	1	1	1	2	2	3	4	4	4	4	4	4	3	2
4	3	3	3	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1
5	1	1	3	2	1	1	1	2	1	1	1	2	1	1	1	1	4	7	6	6	5	4	4	4	3
6	4	4	4	4	4	4	4	3	2	1	1	0	0	0	0	0	0	1	1	2	2	1	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
8	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	1	1	1	1	1	2	***	0	0	0	0	1	1	1	1	1	1	1	2	2	1
10	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1	2	2
11	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
12	1	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
15	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	1	1	1	1	0	0	1	***	1	1	1	1	1	1	1	1	2	3	4	3	3	2
17	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	1	1	1	4	2	1	1
18	1	1	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1	1	1	1	1
20	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	1	1	2	4	3	3	3	2	1
21	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
22	2	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	0	0	***	0	0	0	0	0	0	0	1	1	1	1	0	1	0
24	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	1	1
25	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1
26	1	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	1	1	2	2	2	2	2	1	2
27	1	1	1	1	2	1	1	2	1	1	0	0	0	0	0	1	1	2	1	1	1	1	1	2	1
28	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1
29	1	0	1	0	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	1	2	2	0	0	1	0	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0
3	0	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	1	1	1
4	2	2	2	3	4	4	3	3	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2
5	2	2	2	2	1	1	1	2	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	2	2	1	1	0
9	1	1	1	1	1	1	1	0	0	0	1	1	1	1	3	4	3	2	1	1	1	1	1	2	1
10	1	1	1	1	1	1	2	3	3	3	2	2	3	3	3	2	3	3	3	3	1	1	1	1	2
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	0
12	2	3	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2
13	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
16	0	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	2	1	0
18	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	3	4	4	4	4	3	3	2
19	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0
23	2	1	1	1	1	2	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1
26	1	1	1	0	1	1	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	0
29	1	0	1	1	2	3	2	2	2	1	1	2	2	1	****	1	1	1	1	1	1	1	1	1	1
30	2	1	1	1	2	1	1	1	2	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
31	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	2	3	4	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	1
4	2	2	2	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	2	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1
7	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	1
8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
9	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
10	1	1	1	0	0	1	1	1	1	1	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	2	2	2	2	2	0
13	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	3	3	2	2	2	2
14	2	2	1	2	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
15	2	2	2	2	2	2	2	2	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	0	0	0	0	0	0	1	****	****	1	1	1	1	1	1	1	2	2	1	1	2	1
21	2	2	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
24	1	1	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
30	1	1	1	2	2	2	2	3	1	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	2	2	2	2	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	0
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	0	0	0	0	0	0	1	0	1	2	2	2	2	1	1	1	1	1	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
8	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
9	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	2	2	1	1	1
10	2	1	2	2	2	3	3	2	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0
13	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1
14	3	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
15	2	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	2	1	1	0	0	1
17	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1	0	0	1	1	1	1	1	1
21	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
24	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	0
25	1	1	1	1	1	1	1	1	0	-	0	1	0	0	1	1	0	0	0	1	2	2	3	3	1
26	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	2	2	2	1	1
28	1	0	0	1	0	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	0	0	1	1	1	1	1	1	1
31	1	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	3	2	2	2	1	1	2	2	0	0	0	-	-	-	-	-	-	-	-	-	-	-
2																									
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	1	1	1	1	1	1	2	2	****
4	2	2	2	3	2	4	4	5	3	2	2	2	1	1	1	1	1	1	1	1	1	2	1	2	2
5	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
6	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1
8	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	4	4	2	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
10	1	1	1	1	1	2	2	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	1	0	1
12	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
13	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	0	1	1	1	1	1	1	1	2	****	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
19	2	1	1	1	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1
20	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
21	2	2	1	2	2	2	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1
22	2	1	1	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	3	1	2	2	1	1
23	1	1	1	1	1	0	1	2	3	1	1	1	1	1	1	2	1	1	1	2	1	1	2	2	1
24	1	1	2	2	1	2	4	2	2	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	*****
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	1
26	3	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
28	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
30	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 91.4

PERCENTAGE OF DATA INVALID - 5.8

PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071      EXPERIMENTAL FARM SIMCOE												MONTH - JUL 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	1	0	1	0	0	1	1	1	1
2	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
4	1	1	1	1	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1
5	1	2	2	2	1	2	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	2	2	2	1
6	1	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	2	1	2	2	2	2	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
9	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0	1	2	2	2	2	2	1
10	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
16	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
19	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
22	2	2	2	3	2	2	1	1	1	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1
23	1	1	0	1	1	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	1	1	1	1	1	1	1	2	1	1
29	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2	2	2	4	3	3	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 22071      EXPERIMENTAL FARM SIMCOE												MONTH - AUG 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	
2	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	
3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	
4	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	
5	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	1	
6	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	
7	*****												- DATA INVALID -													
8	*****												- DATA INVALID -													
9	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1	1	0	0	0	1	1	1	1	1	2	1	1	1	*****
10	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	
11	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	
12	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	
13	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	4	2	3	2	1	
14	2	1	1	1	1	1	1	2	1	1	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	
15	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	0	
16	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
17	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	
19	1	1	1	2	2	4	4	3	2	1	1	1	0	2	0	1	1	1	2	3	4	3	2	3	2	
20	2	2	2	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	7	4	2	2	
21	4	2	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	
23	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24	1	1	2	2	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0	1	1	0	1	1	
25	1	1	1	2	3	4	3	2	1	1	1	1	1	1	1	1	1	3	5	4	2	1	2	2	2	
26	1	1	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	1	1	2	2	
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
28	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
30	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 89.9

UNITS - 0.01 PARTS/MILLION

MONTH - SEP 76

PERCENTAGE OF DATA UNAVAILABLE - 0.0

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

MONTH - OCT 76

PERCENTAGE OF DATA UNAVAILABLE - 0.0

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE												MONTH - NOV 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	0
2	2	1	3	3	2	2	2	2	2	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	2	1	1	1	1	2	2	2	2	1	1	1	1	2	1	1	2	3	2	2	2	2	1	1	2
7	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0
9	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	2
10	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
11	0	0	0	0	1	1	0	0	1	0	1	0	1	1	1	1	1	1	1	2	1	1	2	2	1
12	2	2	2	2	2	1	2	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1
14	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2
15	2	3	3	2	3	3	3	3	2	2	1	1	1	1	1	1	2	3	4	4	4	4	4	4	3
16	4	3	3	3	3	3	2	2	2	2	2	1	1	1	1	2	3	4	4	4	3	3	3	3	3
17	2	2	3	3	3	2	2	3	4	3	3	3	3	3	4	4	4	4	3	3	3	2	2	2	3
18	2	3	3	2	3	3	3	3	2	2	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2
19	2	2	2	2	2	3	3	3	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
21	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1
22	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1
23	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2
25	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
26	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
30	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071												MONTH - DEC 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2	1	2
2	1	1	1	3	3	2	2	2	2	1	0	0	0	0	0	0	0	1	2	3	2	1	1	1	1
3	1	1	1	1	1	2	2	2	2	2	1	1	0	1	1	1	2	2	1	1	1	2	2	2	1
4	2	2	2	2	2	1	2	3	2	3	2	2	2	2	2	3	3	4	4	5	4	3	2	2	3
5	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2
6	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3	2	3	3	2
7	2	2	3	3	4	4	4	3	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	3	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1	2	3	3	4	2
10	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	3	3	1
12	3	3	3	3	2	2	3	3	2	2	2	2	2	3	3	3	3	4	4	3	2	2	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	3	3	4	4	3	1
14	5	3	3	3	3	3	3	2	1	1	1	1	2	2	1	1	2	2	2	3	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	3	3	3	2	2
16	3	3	3	2	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	6	3	3	3	4
17	4	4	4	3	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	2	2	2	1	1	1
19	2	2	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	2	2	3
20	2	2	2	2	2	1	1	1	1	2	3	2	1	1	1	1	1	1	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
22	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	1	1
23	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1
24	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	4	3	3	3	2
25	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	3	3	2	2	2
26	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
28	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	2	2	2	4	4	2	2	2	2
29	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2	2	1
30	3	3	3	3	3	3	3	2	2	1	1	1	0	0	0	1	1	2	2	3	2	2	3	3	2
31	3	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1
MEAN	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	1.5	3	4
FEB	29	1.1	3	7
MAR	31	0.9	2	4
APR	30	0.7	2	3
MAY	31	0.7	2	3
JUN	26	1.1	2	5
JUL	31	0.7	2	4
AUG	27	0.9	2	7
SEP	30	0.8	2	3
OCT	31	0.9	2	4
NOV	30	1.1	3	4
DEC	31	1.5	4	6
YEAR	351	1.0	4	7

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	304	265	18	0	0	0	0	587
FEB	500	168	23	1	0	0	0	692
MAR	615	114	8	0	0	0	0	737
APR	621	94	0	0	0	0	0	715
MAY	669	69	0	0	0	0	0	738
JUN	562	90	6	0	0	0	0	658
JUL	684	52	1	0	0	0	0	737
AUG	584	75	9	1	0	0	0	669
SEP	639	80	0	0	0	0	0	719
OCT	624	114	5	0	0	0	0	743
NOV	528	174	16	0	0	0	0	718
DEC	394	308	40	0	0	0	0	742
YEAR	6724	1603	126	2	0	0	0	8455

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALIO	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.3	0	0.0	0.0	0.4	0.8	1.7	2.3	2.9	3.4	7	1.0

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029

TRAILER EDNA/FREDERICK ST

KITCHENER

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	2	2	2
3	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
5	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	2	2	1	1
7	1	1	1	1	0	0	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	-	2	3	2	2	2	2	3	2	3	3	3	2	2	2	2	*****
24	1	1	1	1	2	3	3	3	2	3	3	2	2	4	4	3	4	5	4	3	3	2	2	2	3
25	2	2	2	2	2	4	4	4	4	4	3	3	2	2	3	3	7	4	4	3	3	2	2	2	3
26	2	2	1	2	2	2	3	3	4	5	5	5	5	5	5	6	5	4	4	3	3	3	2	2	4
27	1	2	3	4	4	3	3	4	5	4	4	5	6	6	5	5	5	4	3	2	1	1	1	1	3
28	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
29	1	1	2	3	3	3	3	2	2	2	2	2	2	2	3	4	4	3	2	2	1	3	2	2	2
30	2	2	3	4	3	5	6	5	4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
MEAN	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	2.0

PERCENTAGE OF DATA VALID - 44.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 55.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029

TRAILER EDNA/FREDERICK ST

KITCHENER

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12	-	-	-	-	-	-	-	-	-	4	3	3	2	3	3	3	4	4	6	7	6	3	2	1	*****
13	1	1	1	1	1	3	3	3	3	2	2	2	2	2	2	3	3	3	4	3	2	1	1	1	2
14	1	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	2
15	3	2	1	1	1	1	2	2	2	2	3	3	2	2	2	3	3	3	2	2	1	1	1	1	2
16	1	1	1	1	0	0	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2
17	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	3	3	3	2	2	2	2	2	2	2
18	2	2	2	2	3	3	3	3	3	3	4	4	4	3	3	4	4	4	4	4	3	3	4	3	3
19	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	2	2	3	3	3	3	3	4	3	3	3	2	3	3	3	3	1	3
21	1	1	1	1	1	1	2	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	1	1	2
22	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
23	2	2	1	1	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4	3	3	3
24	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
25	2	1	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3
26	3	3	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3
27	3	2	2	2	2	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	2	3
28	2	2	1	1	2	2	3	3	3	3	3	3	2	2	2	3	4	4	4	4	3	3	2	2	3
29	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	5	5	5	4	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	4	4	4	4	4	3	3	4
31	4	3	3	3	3	2	3	3	3	3	3	2	2	3	3	4	3	3	2	3	3	3	2	3	3
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	2	2	2.7

PERCENTAGE OF DATA VALID - 63.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 36.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER														MONTH - NOV 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3
2	5	4	3	5	4	3	3	3	3	***	3	3	3	2	2	2	3	3	3	2	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	4	5	6	5	5	5	4	3
4	4	4	3	3	3	3	4	4	4	4	3	4	3	3	3	3	3	3	3	3	3	3	2	2	3
5	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	4	4	3	3	3	3	2	2	3
6	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	3	3	3	2	2	3
7	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
8	1	1	1	2	2	2	3	4	4	3	3	3	3	3	2	3	3	4	4	3	3	3	2	2	3
9	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3
10	3	3	3	2	2	1	2	3	2	3	3	3	2	3	3	3	4	4	3	3	3	3	2	2	3
11	2	2	2	2	2	2	3	4	4	4	3	3	3	2	2	2	4	4	4	4	4	4	3	3	3
12	2	3	3	3	2	2	2	3	3	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	1	2
14	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	2
15	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	4	4	5	5	4	4	3	3
16	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	4	5	5	5	5	5	5	4	4
17	5	5	5	5	4	4	4	4	4	3	3	3	3	3	4	4	4	5	4	4	4	3	2	2	4
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	3	2	2	1	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
20	2	2	2	1	1	1	1	2	3	3	4	4	4	4	3	3	3	3	3	3	3	2	2	2	3
21	2	2	2	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
23	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
24	2	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2
25	2	2	2	2	2	2	3	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3
26	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	3	2	2	3	2
27	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	1	1	1
29	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER														MONTH - DEC 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	3	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4
2	3	2	2	2	3	4	2	2	3	3	3	3	3	3	3	4	4	4	4	5	5	5	4	4	3
3	2	2	2	2	3	4	4	5	5	5	5	5	3	3	3	4	5	5	5	5	5	5	5	5	4
4	4	4	4	4	4	3	4	5	5	5	5	5	5	4	4	5	5	5	5	5	5	4	4	4	4
5	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	5	5	5	5	5	5	6	6	6	4
6	4	4	3	4	4	4	5	5	5	5	5	6	5	5	5	5	5	5	5	6	6	5	5	5	5
7	4	4	4	5	5	4	4	4	5	4	4	5	4	3	4	5	5	5	5	5	5	5	5	5	5
8	4	4	3	3	4	4	4	5	5	6	6	5	4	3	3	4	5	5	4	5	4	3	2	3	4
9	2	1	1	2	2	2	3	4	5	4	4	5	3	4	5	6	7	7	7	6	6	6	6	6	4
10	5	5	5	5	4	5	4	3	3	4	4	4	4	4	4	4	4	4	4	5	4	3	3	3	4
11	1	1	1	1	1	2	3	3	4	4	4	4	3	4	4	4	5	5	4	4	4	4	4	5	3
12	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	5	5	4	3	3	2	2	2	2	4
13	1	1	1	2	2	2	4	5	6	5	5	5	4	4	4	5	5	5	5	5	5	6	6	6	4
14	4	3	3	3	2	2	3	3	4	4	4	3	2	2	3	3	4	4	3	4	4	5	5	5	3
15	4	3	4	4	4	4	5	5	5	5	5	***	***	4	4	5	6	7	8	7	7	6	6	6	5
16	5	5	5	5	5	6	6	6	7	7	7	7	6	6	6	6	7	6	6	6	6	5	5	5	6
17	4	4	4	3	2	3	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	3	3	4	4
18	3	2	2	1	1	1	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
19	4	4	4	4	4	4	4	4	4	3	3	4	4	4	5	5	6	6	6	7	6	6	6	5	5
20	4	4	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	2	2	3
21	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	4	3	3	2	1	1	1	2
22	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	3	3	3	2	1	1	3
24	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
25	3	3	2	1	2	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	2	2	2	2
26	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	3	3	2	3	4	3	2	3	2
27	2	1	1	0	0	1	1	1	1	2	2	2	2	2	2	3	3	4	4	4	4	4	4	3	2
28	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	4	4	3	3	4
29	2	2	2	2	2	2	2	2	3	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2	2
30	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	2	3	3
31	2	2	2	2	1	1	2	2	2	2	2	3	3	3	4	4	4	3	2	2	1	1	1	1	2
MEAN	3	3	3	3	3	3	3	3	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	3.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG		DATA UNAVAILABLE		
SEP	12	2.0	4	7
OCT	19	2.7	4	7
NOV	30	2.5	4	6
DEC	31	3.5	6	8
YEAR	92	2.8	6	8

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	DATA UNAVAILABLE							
JUL	DATA UNAVAILABLE							
AUG	DATA UNAVAILABLE							
SEP	142	134	45	1	0	0	0	322
OCT	60	334	76	1	0	0	0	471
NOV	92	519	107	0	0	0	0	718
DEC	62	306	361	13	0	0	0	742
YEAR	356	1293	589	15	0	0	0	2253

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76.9	0	0.6	1.5	2.2	2.9	4.0	4.7	5.4	5.8	8	2.8

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES															MONTH - MAY 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1															- DATA UNAVAILABLE -										
2															- DATA UNAVAILABLE -										
3															- DATA UNAVAILABLE -										
4															- DATA UNAVAILABLE -										
5															- DATA UNAVAILABLE -										
6															- DATA UNAVAILABLE -										
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	*****
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
10	1	1	0	0	0	1	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	1	1	2	2	2	2	2	1	1	1	1	2	1	2	1	1	0	1	0	1
12	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	2	3	4	2	2	0
13	1	1	1	1	1	2	2	2	2	1	2	1	2	2	1	2	2	3	5	6	5	5	6	5	3
14	5	5	5	3	1	1	2	3	2	2	2	2	2	2	2	2	2	1	2	2	3	5	4	4	3
15	4	4	4	4	3	3	3	2	2	3	2	2	2	2	2	2	2	2	3	4	2	2	3	3	3
16	4	4	4	3	1	2	2	2	3	4	4	3	2	1	2	3	3	3	4	5	4	2	1	1	3
17	0	0	0	1	0	1	1	2	1	1	1	1	1	1	1	1	2	2	3	2	1	2	2	1	1
18	1	1	0	0	1	1	1	1	2	1	1	1	2	1	1	1	2	2	2	2	2	2	3	2	1
19	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	2	1	2	2	2	2	1
20	1	2	2	2	1	1	3	3	3	2	2	2	3	2	2	3	3	3	3	3	3	4	6	7	4
21	3	3	3	2	1	2	2	2	2	1	2	2	1	1	2	3	2	2	2	3	3	3	3	3	2
22	3	3	3	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2	3	4	2	3	3	2
23	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	3	5	3	3	2	2
24	2	3	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	2	2	3	4	4	3	2	2
25	2	2	2	2	2	2	3	3	2	2	2	1	2	2	2	2	3	2	2	3	4	6	6	6	3
26	5	3	4	4	4	3	4	4	2	2	2	1	2	2	2	2	2	3	3	6	9	9	9	4	4
27	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	1	2	3	4	3	2	2	2
28	2	4	4	4	4	5	4	7	4	2	2	2	2	2	3	4	4	4	5	7	7	6	5	6	4
29	2	1	1	1	2	3	3	3	2	2	2	1	1	2	2	3	3	4	3	2	2	4	6	6	3
30	3	3	2	2	2	2	1	1	2	3	4	4	2	2	2	2	2	3	4	3	2	3	2	3	2
31	1	1	1	1	2	3	5	6	6	6	6	4	4	5	4	5	5	4	4	3	4	4	4	3	4
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2.1

PERCENTAGE OF DATA VALID - 77.8

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 21.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES															MONTH - JUN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	4	3	3	3	3	3	2	3	3	4	2	3	4	4	3	3	3	3	5	5	4	3
2	4	3	3	3	4	4	6	6	4	3	3	2	2	2	2	3	2	2	4	5	6	6	6	5	4
3	5	5	4	4	3	4	5	6	7	4	5	3	2	2	2	2	2	2	3	5	7	6	6	5	4
4	5	5	5	4	4	4	6	6	6	4	4	3	3	2	3	4	3	3	3	5	6	6	5	5	4
5	5	4	4	4	4	4	4	5	6	6	5	4	3	2	2	2	2	3	3	5	7	7	7	6	4
6	6	5	5	4	4	5	5	5	4	3	2	3	2	1	1	1	1	2	2	2	2	2	2	2	3
7	2	2	2	1	1	1	4	5	5	5	5	2	2	2	2	3	3	3	4	5	6	5	4	2	3
8	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	5	8	9	8	3
9	5	3	3	2	2	3	5	5	5	3	2	2	2	2	2	2	3	2	2	2	2	2	2	1	3
10	1	1	1	1	1	2	3	4	5	5	3	2	2	2	2	2	2	1	1	1	1	2	3	2	
11	3	3	5	5	5	5	5	5	5	5	3	2	5	2	2	3	2	2	3	3	2	3	3	3	3
12	3	1	1	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	4	2
13	4	4	4	3	3	3	4	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2
14	1	1	1	1	1	1	2	3	3	4	2	1	2	1	1	2	2	1	2	2	2	1	1	2	2
15	1	1	1	1	2	2	2	2	2	4	3	2	2	2	2	2	2	1	2	1	1	1	1	1	2
16	1	1	1	1	1	1	4	3	2	4	3	2	3	2	2	2	2	2	1	2	2	1	1	1	2
17	1	1	2	2	2	2	3	3	2	2	2	2	2	2	3	2	2	2	2	4	5	5	5	4	3
18	3	5	3	3	3	3	4	6	8	7	5	2	3	3	3	2	3	2	2	3	4	4	5	4	4
19	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	1
20	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	3	4	2
21	1	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	3	2	2	2	2	2
22	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	1	1	2	2	3	4	5	2
23	3	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	4	3	2	3
24	1	1	1	1	1	2	2	4	3	2	3	2	2	2	2	2	2	2	2	4	3	2	2	2	2
25	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	3	3	2	3	1
27	3	3	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	1	1	1	3	2	2	1	2	2	2	3	3	3	2	1	1	2	3	3	3	3	2
29	2	1	1	1	1	1	1	2	2	2	2	2	2	3	2	1	1	1	2	2	3	3	3	4	2
30	4	3	3	2	2	2	3	2	3	3	3	3	3	2	2	3	3	3	3	3	2	3	3	3	3
MEAN	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



UNITS - 0.01 PARTS/MILLION

MONTH - JUL 76

PERCENTAGE OF DATA UNAVAILABLE - 1B.3

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

MONTH - AUG 76

PERCENTAGE OF DATA UNAVAILABLE - B2.0

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES														MONTH - SEP 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	2	2	2	2	2	1	1	1	1	2
2	1	1	1	0	1	1	2	2	2	***	2	2	2	2	2	2	2	2	3	3	3	4	3	3	2
3	3	3	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	3	4	4	3	2	2
5	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	3	2	2	2	2	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
7	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	2	2	3	2	1	1	1	1	2
8	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	4	3	4	5	3	4	2
9	2	2	1	1	1	1	2	5	3	2	2	2	3	2	2	2	2	2	2	3	3	2	3	3	2
10	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	5	4	2
12	3	3	2	1	1	1	2	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2
13	1	1	1	1	1	1	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
14	2	1	1	1	1	1	1	2	4	2	2	2	2	***	2	2	2	2	3	4	4	3	3	2	2
15	2	2	1	1	1	1	2	5	5	3	2	4	3	3	2	3	3	3	4	5	6	4	3	3	3
16	3	3	2	2	1	2	3	3	4	4	5	4	3	2	3	3	4	3	3	4	3	3	2	1	3
17	1	1	1	1	0	1	2	3	2	2	2	2	3	3	***	2	2	2	3	3	2	2	2	2	2
18	1	2	2	1	1	1	2	1	2	2	3	2	2	2	2	2	2	2	3	3	4	3	3	3	2
19	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	0	0	0	1	1	1	1	3	3	2	2	2	3	2	2	2	3	2	2	1	2	2	1	1	2
21	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	2	2	3	2	2	1	1	1	1	1
22	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1
23	2	2	3	2	1	2	2	2	2	***	***	***	2	1	1	1	1	2	2	2	2	2	2	1	2
24	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	2	2
25	3	2	2	1	1	1	2	3	2	2	1	1	1	2	2	2	2	2	2	2	3	3	3	3	2
26	3	2	2	2	2	2	2	2	3	3	5	3	3	4	3	3	3	2	2	2	2	3	3	3	3
27	2	1	0	0	0	1	2	2	2	2	2	2	2	2	2	3	3	2	3	4	3	3	3	2	2
28	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	2	1	1
29	1	1	1	1	1	1	2	3	1	1	2	1	***	1	1	1	1	2	2	2	2	2	1	1	1
30	1	1	1	2	2	3	3	3	3	4	3	2	2	2	2	2	2	3	5	5	4	4	3	3	3
MEAN	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES															MONTH - OCT 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	2	4	5	3	3	3	2	2	2	2	2	3	2	4	4	3	3	4	3	
2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	2
3	4	4	3	3	3	3	3	4	3	4	3	3	2	2	2	2	2	3	5	5	4	4	4	4	3
4	3	3	3	3	3	2	3	4	***	4	4	2	3	2	3	4	4	4	5	3	3	3	3	3	3
5	3	2	1	1	1	2	3	3	2	2	3	2	2	2	2	2	3	5	7	5	3	2	2	1	3
6	1	1	1	1	1	1	3	3	3	-	2	2	2	2	2	2	2	1	1	1	2	2	1	1	2
7	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1
10	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
11	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2
12	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	4	4	3	3	3	3	2	3
13	1	1	1	1	1	1	2	4	3	2	2	1	1	1	2	2	2	2	2	2	2	1	2	1	2
14	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	3	3	3	1
15	3	1	1	1	1	1	2	2	1	1	1	2	2	1	2	2	2	2	2	2	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	3	3	3	2	1	1	1	2
17	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
18	1	1	1	1	1	2	2	3	***	2	2	2	2	2	2	3	3	3	3	2	3	3	3	3	2
19	3	2	1	1	2	2	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	2	3
20	2	3	3	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3
21	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	1	1	2
22	1	1	1	1	1	1	1	2	2	-	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	3	3	2
24	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	3
25	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	1	2
27	1	1	1	1	1	1	3	3	3	2	2	2	2	***	2	3	3	4	3	3	3	3	3	2	2
28	2	2	2	1	1	2	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	1	1	1	2
29	1	1	1	1	1	2	3	3	***	2	3	2	3	3	3	3	4	3	3	2	3	2	2	2	2
30	2	2	2	2	2	2	3	3	4	4	3	4	4	4	4	4	4	4	4	4	5	5	4	4	3
31	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## UNITS - D.D1 PARTS/MILLIDN

MONTH - NOV 76

PERCENTAGE DF DATA VALID - 97.8                      PERCENTAGE DF DATA INVALID - 0.4                      PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNIT5 - 0.D1 PART5/MILLION

MONTH - DEC 76

PERCENTAGE OF DATA VALID - 99.9      PERCENTAGE OF DATA INVALID - 0.1      PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	24	2.1	4	9
JUN	30	2.4	4	9
JUL	25	1.6	3	5
AUG	2	1.8	2	3
SEP	30	1.9	3	6
OCT	31	2.1	3	7
NOV	29	3.3	5	8
DEC	31	3.1	5	7
YEAR	202	2.4	5	9

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	224	265	83	7	0	0	0	579
JUN	199	376	119	10	0	0	0	704
JUL	338	241	20	0	0	0	0	599
AUG	14	26	0	0	0	0	0	40
SEP	283	394	35	0	0	0	0	712
OCT	196	478	62	1	0	0	0	737
NOV	44	404	242	14	0	0	0	704
DEC	78	403	256	6	0	0	0	743
YEAR	1376	2587	817	38	0	0	0	4818

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81.9	0	0.3	1.0	1.7	2.4	3.8	4.6	5.4	5.9	9	2.4

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 29DOB NORTH PARK HAMILTON											MONTH - JAN 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
2												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
3												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
4												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
5												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
6												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
7												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
8	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4 *****
9	3	3	4	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3	4
10	3	3	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	4
11	3	3	3	2	2	3	3	2	2	3	3	3	3	3	3	3	3	4	4	3	3	3	3	2	3
12	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3
13	3	3	3	3	3	4	4	4	4	4	4	4	5	5	4	4	3	4	3	2	2	3	3	3	4
14	3	3	1	1	1	3	3	3	4	4	4	3	3	***	4	4	4	4	4	4	4	4	4	3	3
15	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4
16	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3
17	3	3	3	2	2	1	2	1	2	2	2	2	2	1	3	3	3	3	3	3	3	3	3	3	2
18	3	3	2	2	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3
19	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	5	5	5	4	4	4	4	3	3	4
20	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	4	4	4	3
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	2	3	3	3	3	3
22	3	3	3	2	3	3	2	2	2	1	2	3	3	3	3	4	4	4	3	3	3	3	3	2	3
23	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	4	6	5	3	2	1	1	2	3	3
24	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	3
25	4	4	4	4	4	4	4	4	4	3	3	4	3	2	2	1	2	1	1	2	2	2	2	2	3
26	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	2	3	3	3
27	3	3	2	2	3	3	4	3	3	3	3	4	4	4	4	5	5	5	4	4	4	3	3	3	4
28	3	3	3	3	3	3	3	3	3	3	4	4	4	3	4	4	4	4	4	4	4	4	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3
30	3	3	3	3	2	2	2	3	3	3	3	4	4	4	5	4	4	4	3	3	3	3	3	4	3
31	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	4	4	3	3	3	3	3	3.3

PERCENTAGE OF OATA VALID - 76.1      PERCENTAGE OF DATA INVALID - 0.1      PERCENTAGE OF DATA UNAVAILABLE - 23.8

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 2900B NORTH PARK HAMILTON													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	2	2	1	1	1	2	3	3	3	3	3	4	3	3	3	3	4	5	5	5	4	4	4	4	3
3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	4
4	5	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4
5	4	4	4	4	4	3	2	2	3	3	3	4	6	6	6	6	2	4	4	4	2	3	3	4	4
6	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4
7	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3
9	3	3	2	2	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	4	4	4	4
10	4	4	4	4	4	4	4	4	5	4	4	5	5	5	5	5	6	6	6	6	6	6	6	5	5
11	4	3	2	2	2	3	3	4	4	4	5	5	5	4	4	4	4	4	4	4	3	3	3	3	4
12	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4
13	4	4	4	3	3	3	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14	4	4	4	3	3	3	3	3	3	3	4	4	4	4	5	4	2	2	5	4	4	4	4	4	4
15	4	3	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3
16	3	2	2	3	3	3	3	3	3	3	4	4	3	2	3	3	3	3	2	1	1	1	1	1	3
17	1	1	1	1	2	3	3	2	3	3	3	3	4	4	4	4	4	4	4	3	2	2	2	2	3
18	1	2	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	2	2	3	4	4	3	*****
19	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	2	2	2	2	3	3	3	4	4	3	3	3	4	4	4	5	5	4	4	4	4	4	3
21	4	3	3	3	3	3	3	4	3	2	1	1	2	2	2	2	2	2	2	2	3	3	3	2	3
22	2	2	2	2	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2
23	3	1	1	1	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	5	4	4	4	4	4	4
25	4	4	4	4	3	3	4	4	5	5	5	5	6	6	6	6	7	7	7	7	7	7	6	6	5
26	5	5	4	4	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	5
27	4	4	5	5	5	5	5	5	5	4	4	4	4	4	5	5	5	4	2	4	1	1	1	2	4
28	2	4	3	3	2	1	2	3	3	3	3	3	4	4	4	4	1	1	1	2	3	3	3	3	3
29	2	1	2	3	2	3	3	2	2	3	4	5	5	5	5	4	4	5	5	4	4	4	4	3	4
MEAN	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3.6

PERCENTAGE OF OATA VALID - 98.3      PERCENTAGE OF OATA INVALID - 1.7      PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29008 NORTH PARK HAMILTON													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	0	1	1	2	2	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0
3	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	3	2	3	0
4	4	3	3	2	2	3	3	3	3	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2
5	2	2	2	3	3	2	2	3	3	2	4	4	4	5	5	4	4	4	4	3	4	3	3	3	3
6	2	3	2	2	3	3	4	4	4	3	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4
7	4	3	3	1	1	1	2	3	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3
8	3	3	2	2	2	3	4	4	4	4	4	5	4	5	5	5	5	5	5	5	5	5	4	5	4
9	5	4	5	4	4	3	3	3	3	3	3	3	3	1	1	1	1	2	1	1	1	1	1	2	2
10	2	3	5	4	3	3	3	3	4	4	4	4	3	4	5	5	5	5	4	5	4	4	4	5	4
11	5	3	3	3	3	3	4	4	4	4	4	5	5	****	5	6	5	6	5	3	3	5	5	5	4
12	4	1	2	1	1	1	1	1	1	1	3	2	2	1	2	2	3	3	3	3	4	4	5	4	2
13	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4
14	3	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4
15	4	4	4	2	2	3	5	5	5	5	5	5	4	5	5	5	5	5	5	3	2	3	4	4	4
16	2	1	1	1	1	1	1	1	1	1	2	1	2	5	5	6	5	6	5	4	4	4	4	4	3
17	4	3	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	6	6	5	5	5	3	3	3	****
19	3	3	4	4	4	4	5	5	6	6	6	6	6	6	7	8	8	8	8	7	7	6	5	4	6
20	4	4	4	4	4	3	4	4	4	5	5	6	6	6	6	7	7	6	6	6	5	5	4	4	5
21	4	3	4	4	4	4	4	3	4	4	4	3	3	3	3	4	3	3	3	3	4	4	4	3	4
22	4	2	2	1	2	2	1	2	2	2	2	2	2	2	2	3	5	5	5	5	4	4	5	5	3
23	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	5
24	6	5	5	5	5	5	5	5	5	6	6	6	7	8	8	8	8	9	9	8	8	7	7	7	7
25	6	5	6	5	4	4	5	6	6	5	5	5	6	5	5	5	6	6	6	6	6	5	5	5	5
26	3	2	3	3	3	1	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2
27	3	5	5	4	4	5	5	5	5	5	5	5	5	5	5	6	5	4	3	3	3	3	3	3	4
28	3	2	2	2	1	1	1	2	2	3	4	4	4	4	5	5	1	1	1	4	4	4	4	4	3
29	3	4	4	4	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	3	5	5	2
31	5	4	4	4	3	3	3	4	4	4	4	4	3	2	3	3	3	3	3	2	2	3	3	3	3
MEAN	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	4	4	4	4	4	3	3	3	4	3.3

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29008 NORTH PARK HAMILTON												MONTH - APR 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4
2	4	4	4	4	3	3	4	4	4	3	2	2	2	3	2	2	4	3	3	3	3	3	3	3	3
3	3	3	3	2	2	2	3	3	3	4	5	5	3	2	2	1	1	1	1	2	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	4	4	4	4	2
5	3	2	2	1	2	3	4	4	4	4	5	4	5	5	5	6	6	6	6	6	5	5	5	4	4
6	5	4	4	4	4	4	4	5	5	5	6	5	5	5	5	6	6	6	6	2	2	2	4	4	4
7	4	4	4	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	1	1	2	4	3	4	2
8	4	2	2	2	3	3	4	3	1	1	1	1	1	0	1	1	2	4	2	2	3	3	4	4	2
9	4	2	1	1	1	1	2	2	2	2	2	2	1	1	1	2	2	2	3	6	5	5	4	4	2
10	4	4	4	4	4	4	4	4	5	5	6	6	7	7	6	6	6	6	6	5	5	5	4	4	5
11	4	4	1	1	0	0	1	0	1	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	3
12	4	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4
13	3	3	4	3	3	3	3	4	4	5	6	6	6	6	6	6	7	7	8	8	8	8	7	6	5
14	6	5	6	5	4	5	5	6	6	6	7	5	9	***	10	10	9	10	10	9	9	7	9	10	7
15	10	8	7	6	5	6	6	7	7	7	7	7	7	8	9	9	9	8	7	7	7	6	5	5	7
16	6	2	4	4	4	4	4	4	4	4	5	6	7	8	8	9	9	9	9	8	8	7	6	6	6
17	5	3	3	3	2	5	5	5	5	6	7	8	7	8	8	7	7	7	7	7	7	7	6	6	6
18	7	6	6	4	4	4	7	6	7	7	7	8	8	8	8	8	8	8	9	9	7	7	7	7	7
19	6	5	5	5	5	6	6	5	5	6	6	6	7	7	7	7	8	9	9	7	6	5	5	5	6
20	5	2	1	1	1	1	2	2	1	1	1	1	2	1	2	3	2	2	2	2	3	4	2	3	2
21	4	3	4	4	3	2	2	1	1	1	1	3	3	3	4	3	2	2	2	5	4	3	4	2	3
22	1	3	4	4	3	4	4	4	3	3	3	3	4	4	4	5	6	6	6	6	6	5	4	5	4
23	5	4	3	2	2	2	2	2	3	3	3	4	4	5	5	5	5	5	5	4	4	4	3	3	4
24	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
25	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	1	1
26	0	0	0	0	1	1	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	2
27	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4
29	3	3	3	3	3	4	4	4	4	4	5	5	6	6	6	6	6	5	5	5	5	4	4	4	4
30	4	3	3	3	3	4	4	4	4	5	6	5	6	6	7	7	8	8	7	5	6	6	5	5	5
MEAN	4	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	3.9

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29008 NORTH PARK HAMILTON													MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	1	2	3	3	3	2	2	2	2	1	1	1	2	2	1	1	4	4	5	5	3
2	5	5	5	4	4	5	5	5	4	4	5	5	5	6	6	6	6	6	6	6	5	5	4	4	5
3	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4
4	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	5	5	5	5
5	4	4	5	4	4	4	5	5	5	5	6	6	7	7	8	9	9	9	8	8	7	7	6	6	6
6	5	3	3	3	4	4	4	3	2	2	2	3	2	1	1	1	1	1	0	0	0	0	0	0	2
7	0	0	0	1	0	1	1	1	1	1	1	2	1	2	3	3	2	1	1	3	3	3	3	3	2
8	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	4
9	6	5	5	4	4	4	4	4	4	5	5	6	6	6	6	7	7	6	6	6	6	6	5	5	5
10	5	5	4	4	5	5	5	6	6	5	3	9	****	9	9	10	10	10	9	9	8	8	8	8	7
11	7	6	6	1	1	1	4	5	6	7	6	3	2	2	4	5	3	2	3	2	2	2	2	2	4
12	3	2	2	2	2	2	3	4	4	4	4	4	6	6	5	****	6	6	5	5	5	5	5	5	4
13	6	6	6	5	5	5	6	7	7	7	8	8	9	9	****	9	3	1	1	2	2	4	5	7	6
14	6	4	4	1	1	1	2	2	2	4	5	6	6	6	6	6	6	6	6	6	6	6	5	5	5
15	5	5	4	3	3	2	2	2	3	3	4	3	3	2	1	1	1	1	1	1	1	0	0	0	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	5	6	6	6	5	4	2
17	5	5	4	4	5	5	5	5	6	6	6	6	****	7	8	8	8	7	5	4	3	2	2	2	5
18	1	0	1	1	1	1	2	3	3	1	3	4	5	5	5	5	5	5	5	5	4	4	4	3	3
19	3	3	3	2	2	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	3
20	3	3	3	4	4	5	5	5	5	5	6	6	7	10	10	10	10	10	9	9	8	8	8	7	7
21	7	6	5	4	4	4	4	4	4	5	5	6	6	6	6	6	5	5	4	4	3	3	3	3	5
22	2	1	1	1	1	1	1	1	2	2	2	3	3	1	1	1	1	1	4	5	3	2	2	2	2
23	3	3	3	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	3	2
24	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1
25	1	1	1	1	1	1	1	1	1	1	1	2	****	1	1	1	1	1	2	2	4	2	2	2	1
26	1	1	1	1	2	2	2	2	3	4	3	4	5	3	2	2	3	3	3	4	5	5	6	6	3
27	4	4	3	3	3	3	3	3	1	2	1	1	1	1	2	2	2	2	5	6	6	6	5	5	3
28	4	4	4	4	4	4	4	6	6	3	2	2	1	2	1	1	2	2	1	1	2	3	3	2	3
29	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
31	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	2	4	4	4	4	4	1
MEAN	3	3	3	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29008 NORTH PARK HAMILTON													MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	2	2	2	2	1	0	1	1	1	1	1	1	0	1	1	2	3	3	4	2
2	4	4	4	4	4	4	3	4	5	5	4	2	1	1	1	1	1	1	1	2	3	2	3	5	3
3	5	4	4	4	4	4	4	5	8	6	3	2	2	2	1	2	2	2	2	2	5	5	7	6	4
4	6	6	6	6	5	5	4	5	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	4	3
5	3	5	5	5	5	5	4	5	5	5	5	4	3	2	2	1	1	1	1	3	5	5	5	5	4
6	5	5	4	4	5	5	5	5	6	6	8	8	9	7	5	7	7	7	8	8	7	5	6	6	6
7	5	5	5	6	7	8	8	8	8	9	9	9	9	9	9	10	9	9	10	9	9	8	8	7	8
8	6	7	6	7	8	8	8	9	8	9	11	11	10	11	11	10	9	9	9	8	***	***	***	5	9
9	6	5	5	5	4	4	4	4	4	3	3	2	1	1	1	6	7	7	8	4	1	6	9	8	5
10	6	6	6	6	7	6	6	7	9	11	13	12	11	11	11	11	12	12	12	11	11	11	10	9	9
11	7	7	6	6	7	7	7	7	7	7	9	9	8	8	7	6	6	6	5	5	4	2	2	1	6
12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	1	1	1	1	1	1	0	1	0	0	1	0	0	0	0	7	9	11	10	9	8	6	3
14	3	3	5	5	5	5	5	5	6	7	8	9	10	10	10	10	10	9	8	8	8	8	9	8	7
15	7	6	5	5	7	7	6	7	8	8	9	***	9	10	9	9	10	11	9	8	7	6	6	6	8
16	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	5
17	3	3	3	2	1	1	2	1	1	1	2	3	5	4	3	2	1	1	1	1	2	3	3	4	2
18	4	4	3	3	2	2	2	4	5	4	2	2	1	1	1	1	1	1	1	1	2	2	2	3	2
19	4	4	4	5	4	4	4	5	5	5	5	5	5	5	5	6	5	4	3	3	3	3	3	3	4
20	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	3	4	6	6	6	5	3
21	3	2	3	3	2	2	2	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	3	5	2
22	5	3	3	4	4	4	3	4	4	5	6	6	7	6	2	2	2	1	1	1	1	1	2	5	3
23	6	5	4	4	3	4	4	4	4	2	1	1	1	1	1	1	1	1	1	1	3	4	3	2	2
24	3	3	3	3	2	4	4	4	4	7	6	6	4	5	6	7	6	5	5	2	2	2	2	2	4
25	3	3	2	2	2	2	3	3	4	4	4	5	6	6	6	6	5	5	5	5	5	5	5	4	4
26	5	4	4	3	3	4	4	4	4	5	6	7	7	8	8	7	7	6	5	4	3	4	3	2	5
27	3	4	3	3	3	3	3	3	2	4	3	1	1	1	1	1	6	9	8	8	7	7	7	4	4
28	6	4	4	4	5	5	5	5	4	2	1	1	3	5	6	-	4	1	1	3	1	1	1	3	3
29	1	3	3	3	3	4	4	4	4	2	1	1	2	2	7	7	6	1	1	3	2	2	3	3	3
30	1	1	3	3	4	4	4	3	1	2	2	1	1	1	1	4	2	1	1	3	5	5	5	5	3
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4.1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
HOUR DAY	STATION - WC NO 29008 NORTH PARK HAMILTON												MONTH - JUL 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	3	3	2	2	3	3	3	4	4	4	4	4	4	3	2	2	2	2	3	3	3	3	3
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	2	3
3	2	2	1	2	2	2	2	2	2	2	2	2	3	1	1	1	1	1	1	2	3	3	2	2	2
4	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2	3	4	4	4	2
5	3	3	2	3	2	2	2	3	4	6	8	9	5	2	***	2	2	2	2	6	5	5	4	4	4
6	3	4	3	3	3	3	4	4	6	7	7	7	8	1	1	2	8	8	6	6	7	7	7	6	5
7	6	6	5	6	7	7	8	8	8	7	8	8	8	9	9	9	9	5	5	9	9	8	8	7	7
8	8	6	7	6	5	6	5	6	7	7	7	6	6	3	5	***	2	1	1	1	2	3	2	2	5
9	1	1	3	3	3	3	4	4	5	5	5	1	1	1	2	1	1	1	6	7	6	7	6	3	7
10	6	5	5	5	6	6	6	6	6	7	8	8	9	9	9	9	10	11	9	6	8	7	7	8	7
11	6	5	4	4	2	5	4	5	5	6	8	9	10	9	8	8	6	6	5	5	5	4	4	4	6
12	3	2	2	2	2	2	2	2	2	3	4	4	4	4	4	***	4	4	4	4	4	4	4	3	3
13	3	3	3	3	3	4	4	4	4	5	***	5	5	5	3	4	3	4	4	4	4	3	3	3	4
14	3	3	3	3	3	3	3	3	4	3	4	4	5	5	5	5	6	3	3	2	2	2	4	4	4
15	2	2	3	3	3	1	2	2	2	2	2	2	1	1	***	1	1	1	1	1	1	1	1	1	2
16	1	3	6	4	4	3	3	4	5	4	6	6	6	5	5	5	4	3	3	3	3	3	3	3	4
17	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	5	6	6	5	4	4	4	4
18	4	4	3	2	2	3	3	3	4	4	5	5	6	6	5	5	4	4	4	5	5	6	7	7	4
19	6	5	5	5	5	5	5	5	5	6	8	9	9	9	8	9	10	11	10	9	8	8	8	7	7
20	6	6	6	6	6	6	6	7	7	7	8	8	9	10	10	10	9	9	9	8	8	7	6	6	8
21	5	4	4	2	1	3	2	3	4	4	2	1	***	1	1	1	2	2	1	1	2	2	2	2	2
22	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	7	6	6	2	
24	5	4	3	3	3	3	3	3	3	2	4	4	4	4	4	4	4	1	2	2	3	3	3	2	3
25	1	1	1	1	1	1	3	3	3	1	1	1	1	1	1	1	1	4	5	4	4	4	4	3	2
26	3	3	3	3	3	3	5	5	5	6	6	7	8	10	9	9	10	10	10	9	9	8	7	7	7
27	6	5	6	5	6	6	6	6	5	6	6	6	***	7	6	5	5	5	5	4	4	4	4	3	5
28	4	3	3	3	3	3	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	3	2	2	3	2	2
30	1	1	1	1	1	2	3	3	2	3	3	2	2	1	1	1	2	1	2	1	2	3	6	6	2
31	6	5	4	4	5	4	5	5	5	2	2	3	1	1	1	1	2	1	2	2	2	1	1	1	3
MEAN	4	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	3.8

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
HOUR DAY	STATION - WC NO 29008 NORTH PARK HAMILTON												MONTH - AUG 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
2	3	2	2	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	3	5	5	4	2
3	4	3	2	2	2	3	3	3	4	4	5	5	5	5	6	5	6	6	6	5	5	5	4	4	4
4	4	4	4	4	4	4	5	5	5	6	8	***	8	9	9	9	11	11	11	12	9	8	8	8	7
5	7	5	6	7	7	7	7	8	8	9	10	10	10	10	9	9	9	8	9	9	8	7	6	6	8
6	4	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	2
7	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
8	2	2	2	2	1	1	1	2	3	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2
9	2	1	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	5	6	6	5	3	2	2	3
10	2	2	3	3	3	3	3	4	4	4	5	7	2	1	1	1	1	1	1	4	4	4	3	3	3
11	4	3	3	3	3	3	4	4	5	8	9	9	10	11	13	12	12	12	11	11	11	9	8	8	8
12	6	6	6	6	6	6	6	6	6	6	6	6	7	6	7	8	9	8	8	7	7	6	6	5	6
13	5	4	5	4	4	4	4	5	5	4	4	6	6	7	7	7	6	6	6	6	5	4	4	4	5
14	3	3	3	3	3	2	2	1	1	1	2	2	2	1	1	1	1	1	1	0	0	0	0	1	1
15	2	2	2	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3
16	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3
17	3	2	2	2	3	3	3	3	4	4	5	5	5	5	5	5	5	3	1	2	4	3	3	3	3
18	3	3	3	3	3	3	3	4	4	5	6	4	2	1	1	1	1	1	1	2	1	3	4	4	3
19	4	4	4	4	4	4	4	5	***	7	6	4	2	1	1	1	1	0	1	1	1	2	4	4	3
20	4	5	4	3	4	4	6	5	6	6	8	10	10	7	3	2	2	11	10	10	9	8	8	8	6
21	7	6	4	4	4	6	7	8	9	9	11	11	11	11	11	10	10	10	7	9	8	7	7	6	8
22	6	5	4	3	2	5	6	7	8	9	10	11	11	11	10	10	9	9	9	8	7	8	7	6	8
23	6	4	5	5	4	3	4	3	3	4	2	1	1	1	1	1	1	1	1	2	3	2	1	2	3
24	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	3	4	1
25	3	3	3	3	3	3	3	4	4	6	5	4	4	2	1	2	1	1	1	1	2	4	4	4	3
26	5	4	4	3	3	4	3	4	***	6	6	9	8	9	9	9	9	8	8	8	8	7	7	6	6
27	7	6	5	4	3	4	4	4	5	5	6	7	7	7	8	9	9	9	9	9	8	7	6	5	6
28	5	5	4	4	4	4	4	4	5	6	6	7	7	8	9	8	7	7	7	6	5	5	5	4	6
29	4	3	2	1	1	2	2	2	3	3	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2
30	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	3	3	2	2	3
31	2	2	2	2	2	3	3	4	5	5	6	7	7	8	8	9	10	10	10	11	11	9	7	7	6
MEAN	4	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4.1

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - WC NO 29008 NORTH PARK HAMILTON															MONTH - SEP 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	5	6	6	6	6	****	5	5	5	4	4	3	3	3	3	3	3	3	3	3	2	4
2	1	1	1	1	1	2	2	2	3	1	0	0	0	1	1	1	1	1	1	3	4	3	3	3	2
3	3	3	3	3	3	3	4	4	5	4	5	5	6	7	7	7	8	8	8	8	8	7	7	6	6
4	6	6	5	5	6	6	6	5	6	7	7	8	8	8	6	6	6	6	5	5	4	3	3	3	6
5	3	2	2	2	2	2	2	2	2	3	3	2	4	4	3	4	4	4	3	3	3	3	2	2	3
6	2	2	2	2	2	2	2	2	2	3	1	1	1	3	4	4	4	4	4	4	4	4	4	3	3
7	3	3	3	3	3	4	4	5	5	5	6	7	8	8	8	8	8	8	8	8	7	7	7	7	6
8	6	5	6	6	5	5	6	5	6	8	8	5	4	3	3	2	2	2	2	2	2	4	4	4	4
9	6	6	4	4	3	5	4	3	3	1	1	1	1	1	1	2	1	1	2	7	9	5	6	5	3
10	3	2	2	2	3	4	4	4	3	3	3	3	3	****	3	3	3	3	3	3	3	3	3	3	3
11	3	3	3	3	3	3	3	3	3	4	4	3	3	3	4	3	3	3	4	4	3	3	3	3	3
12	3	3	3	3	3	3	3	4	4	5	6	7	9	9	8	8	8	8	8	10	10	9	7	6	6
13	6	5	5	6	6	6	6	5	5	7	8	10	9	9	9	10	10	10	10	10	11	9	9	8	8
14	7	8	7	8	7	7	7	6	6	6	7	9	10	10	10	10	10	10	10	10	10	9	9	8	8
15	8	6	6	6	5	5	5	5	5	4	4	7	9	6	3	3	3	3	2	3	4	4	6	4	5
16	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	1
18	3	3	3	3	3	3	4	4	4	4	4	4	3	4	5	6	5	5	5	4	4	4	3	3	4
19	3	3	3	2	2	3	3	3	3	4	5	5	5	5	6	6	6	7	7	7	7	6	7	7	5
20	6	5	5	5	5	5	5	6	6	6	5	5	5	5	5	4	3	2	2	2	3	3	3	3	4
21	2	2	2	2	2	2	2	2	3	3	3	4	****	1	4	4	4	4	4	4	3	2	2	2	3
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
23	3	3	3	3	3	4	4	5	5	5	5	5	****	5	4	4	4	4	4	4	4	3	3	3	4
24	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4
25	4	4	4	4	5	4	4	4	5	5	6	7	8	9	9	8	8	7	8	7	3	2	2	2	5
26	2	2	2	3	3	3	3	3	3	3	2	1	1	1	1	1	1	2	5	5	4	3	3	2	2
27	2	2	3	2	2	2	3	3	3	3	3	2	1	1	1	2	2	2	2	4	5	5	4	3	3
28	3	3	3	3	2	2	2	2	2	2	3	3	2	2	3	4	4	4	4	4	4	4	4	4	3
29	4	4	5	5	5	5	5	5	5	5	5	6	6	7	7	8	8	8	8	8	8	7	7	7	6
30	5	5	4	4	4	4	4	5	5	5	6	7	3	2	2	2	2	1	1	1	1	4	5	4	4
MEAN	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4.1

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - OCT 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	4	3	3	4	5	6	6	5	3	2	2	1	1	1	2	2	2	1	1	1	1	1	3
2	1	3	4	4	5	5	5	5	6	7	8	8	4	2	1	1	2	1	2	3	3	5	5	5	4
3	5	5	5	5	5	6	6	6	2	2	2	2	1	1	1	1	1	2	4	5	6	5	5	5	4
4	5	5	5	5	5	5	5	5	5	6	6	5	2	2	2	2	2	2	2	4	5	5	5	5	4
5	6	6	6	6	5	5	5	5	6	7	7	7	***	9	9	10	10	2	2	6	9	9	7	7	7
6	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	6	6	6	5	4	4	4	3	5
7	3	3	3	3	2	2	2	3	3	2	2	2	1	2	2	3	3	2	3	3	3	3	3	2	3
8	1	1	1	2	2	2	2	3	3	3	3	4	3	3	4	4	5	5	4	3	3	3	3	3	3
9	2	2	2	2	1	1	1	2	3	3	3	3	2	3	3	3	3	3	4	4	3	3	4	4	3
10	4	3	4	3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5
11	3	3	3	3	4	4	4	4	4	3	3	3	2	1	2	2	2	2	4	5	6	5	6	6	4
12	4	4	4	4	4	4	4	4	4	6	6	7	8	8	8	9	8	8	8	7	8	8	7	7	6
13	6	6	6	7	7	7	7	7	***	***	6	6	6	7	6	7	5	5	5	5	5	5	5	4	6
14	4	3	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	3	4
15	2	5	5	5	5	6	6	6	6	7	7	7	6	6	7	6	5	5	5	4	4	4	4	4	5
16	3	3	3	3	3	3	3	3	3	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4
17	3	3	2	2	2	3	1	1	2	2	2	3	2	2	2	2	3	2	3	4	4	4	4	4	3
18	3	3	3	4	4	4	4	4	4	5	5	5	4	4	5	5	5	3	3	2	2	3	4	3	4
19	3	2	1	2	2	2	3	3	***	3	3	2	2	2	2	3	3	4	3	3	3	2	2	2	2
20	1	1	1	2	3	3	3	3	3	3	4	4	4	5	5	4	5	5	5	5	5	5	4	4	4
21	3	2	2	3	3	4	5	5	5	5	5	5	4	4	4	5	5	5	4	4	4	4	4	4	4
22	4	3	3	3	3	3	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4
23	4	4	4	4	4	4	4	4	5	5	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5
24	4	4	3	2	3	4	3	4	3	3	3	3	2	2	2	2	2	1	2	3	2	2	2	3	3
25	3	3	3	2	2	2	3	3	3	4	4	4	3	3	3	3	2	2	3	3	3	3	3	4	3
26	2	2	2	2	2	2	3	3	3	4	4	4	4	3	2	2	2	2	3	4	4	4	3	3	3
27	1	1	1	1	2	3	4	4	-	3	2	3	2	3	3	3	4	4	4	4	4	4	3	4	3
28	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	6	6	5	5	4	4	4	4	4	4
29	4	4	4	4	4	4	4	4	4	4	4	5	5	6	6	7	7	6	6	6	6	5	5	5	5
30	5	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5
31	5	4	4	4	4	4	4	4	3	3	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3
MEAN	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.9

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29008 NORTH PARK HAMILTON												MONTH - NOV 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	3	3	3	4	4	4	2	1	2	5	5	5	5	4	4	4	4	4	4	4
2	4	4	4	4	4	5	4	5	5	6	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5
3	5	4	4	4	4	4	5	5	5	-	5	5	5	5	5	5	6	6	6	5	5	5	6	5	5
4	4	4	4	4	4	4	4	4	5	5	6	5	4	5	5	5	5	5	5	5	5	4	4	4	5
5	4	4	4	4	4	4	4	4	4	5	4	4	4	4	5	5	5	4	4	5	5	5	4	4	4
6	4	4	4	4	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4
7	3	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	3	3	3	3	2	2	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4	5	4
9	4	4	4	4	4	4	5	4	4	****	5	5	5	5	5	6	6	6	6	6	6	5	5	5	5
10	5	5	4	4	4	4	4	5	5	5	5	5	4	5	5	5	5	5	5	4	4	4	4	4	5
11	4	4	4	4	3	4	4	5	5	5	5	5	5	5	5	6	6	5	6	5	6	5	5	5	5
12	4	5	4	5	4	5	4	4	5	5	5	5	4	5	5	5	5	5	5	5	4	4	5	5	5
13	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4	4	5	5
14	5	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	5	5	5	5	5	5	5	4	4
15	4	4	4	4	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	5
16	5	5	5	6	5	5	4	4	4	****	5	5	6	6	6	6	6	7	7	6	7	7	6	6	6
17	6	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7	7	6	6	6	6	5	4	6
18	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	5	5	5	5	5	4	4	4	4
19	5	5	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	3	3	3	3	4
20	3	3	3	2	3	3	3	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	3
21	4	4	4	3	2	1	2	3	3	2	2	3	2	2	4	4	4	4	4	4	4	4	4	4	3
22	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4
23	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	4	4
24	4	3	3	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	4	3	3	3	3	3	4	4	4	4	3	3	4	5	****	5	5	5	5	4	4	4	4	4	4
26	5	5	5	5	5	5	5	6	7	7	7	9	9	8	8	8	8	8	8	8	7	7	7	7	7
27	7	6	6	5	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3
29	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4	4.3

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29008 NORTH PARK HAMILTON												MONTH - DEC 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	3	4	4	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4
2	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3	4	4	4	4	3	3	3	3	4	5	5	5	4	4	5	5	5	5	4	4	4	3	3	3	4
4	2	2	2	2	2	2	2	2	3	4	2	3	4	4	5	5	5	5	5	5	5	5	5	4	4
5	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	4	4	4	4	4	4
6	4	4	4	3	2	3	3	4	4	4	4	4	4	4	6	6	6	6	6	6	5	5	4	5	4
7	5	4	4	4	5	5	5	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	5
8	2	1	2	3	3	3	4	4	4	4	4	4	5	6	5	5	5	5	5	6	6	5	5	5	4
9	5	5	4	4	4	4	5	4	3	3	4	4	4	5	5	6	6	6	5	3	4	5	5	4	4
10	4	4	4	5	4	4	4	5	5	5	5	5	5	5	5	6	5	5	5	5	5	4	4	4	5
11	3	3	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4
13	3	3	2	3	3	4	4	4	4	5	****	5	5	5	5	5	5	5	5	5	5	5	5	4	4
14	5	5	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	5	5	5	5	5	5
15	4	4	4	4	4	4	5	4	4	5	4	5	6	6	6	6	6	6	6	7	8	7	6	6	5
16	5	5	5	5	5	5	6	5	6	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6
17	5	5	5	5	5	4	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4	3	4
18	4	3	3	3	2	3	4	4	4	4	4	4	5	5	4	5	4	4	4	4	4	4	4	4	4
19	4	4	4	4	3	4	4	4	4	4	4	5	5	5	5	6	6	6	5	5	5	5	5	5	5
20	5	5	5	5	4	4	5	5	6	6	5	5	5	3	4	3	3	3	3	3	3	3	3	3	4
21	3	3	3	3	3	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	3	4	4	4	4	4	4	4	4	4
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	4	4	4	4	5	6	5	5	5	5	4	4	5	5	5	5	5	5	4	5	4	4	4	4	5
26	3	3	2	1	2	3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3
27	3	3	2	1	1	1	2	3	3	4	4	4	4	4	4	4	4	4	5	4	3	4	4	4	3
28	2	1	3	1	1	1	1	1	1	1	1	1	2	5	5	5	6	5	5	5	5	5	4	5	3
29	5	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	4	4	4	4	4	4	4	4	4	****	5	4	4	5	5	5	4	4	4	4	4	4	4	4	4
31	5	5	5	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4
MEAN	4	4	4	4	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	3.3	4	6
FEB	28	3.6	5	7
MAR	30	3.3	7	9
APR	30	3.9	7	10
MAY	31	3.4	7	10
JUN	30	4.1	9	13
JUL	31	3.8	8	11
AUG	31	4.1	8	13
SEP	30	4.1	8	11
OCT	31	3.9	7	10
NOV	30	4.3	7	9
DEC	31	4.2	6	8
YEAR	356	3.8	9	13

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	13	340	213	0	0	0	0	566
FEB	30	282	366	6	0	0	0	684
MAR	159	200	349	21	0	0	0	729
APR	115	209	304	91	0	0	0	719
MAY	209	182	295	53	0	0	0	739
JUN	162	158	254	122	19	0	0	715
JUL	154	243	238	100	2	0	0	737
AUG	151	220	218	128	24	0	0	741
SEP	80	264	261	110	1	0	0	716
OCT	36	263	398	42	0	0	0	739
NOV	2	123	563	28	0	0	0	716
DEC	15	100	624	3	0	0	0	742
YEAR	1126	2584	4083	704	46	0	0	8543

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.3	0	0.7	2.3	3.3	4.0	5.8	7.2	8.7	9.5	13	3.8

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
2												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
3												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
4												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
5												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
6												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
7												- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -	- DATA UNAVAILABLE -
8	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	4	4	4	4	4	4	4	4	4	4 *****
9	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4 *
10	3	3	4	4	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	4	4	4
11	4	5	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4
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17	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	2
18	2	2	3	3	3	3	3	3	3	3	2	2	3	3	3	3	4	4	4	4	4	4	4	4	3
19	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3	3
20	3	3		2	2	2	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
21	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	3	2	1	1	2	3
22	2	3	3	3	3	1	2	2	2	2	2	3	1	1	2	2	2	3	3	3	3	3	3	2	2
23	2	2	2	3	3	4	4	4	4	4	3	3	4	4	4	4	6	7	5	4	4	4	4	3	4
24	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	4	4	4	5	6	4
25	5	5	5	5	5	5	5	4	4	4	4	4	4	4	3	3	4	4	4	4	3	3	4	4	4
26	4	4	5	5	3	2	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3
27	3	2	2	2	2	3	4	4	3	3	3	3	3	4	2	3	4	4	4	4	4	3	4	4	3
28	4	3	3	2	2	3	3	3	4	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3
29	3	3	3	3	2	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3
30	3	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	4	3	4	4	3
31	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	5	5	5	4	4	3	3	3	4
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3.3

PERCENTAGE OF DATA VALID - 75.5

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 24.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	2	3	3	3	2	3	3	3	3	3	3	2	1	1	1	1	1	1	2
2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	4	5	4	3	3	3	3	3	3
3	3	3	3	3	4	3	3	3	4	3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	4
4	5	5	4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	2	3	4	4	4	4	4	3
5	4	3	3	3	3	3	3	3	3	3	3	4	6	6	8	7	6	5	4	4	4	4	4	4	4
6	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	3	3	3	3	4
7	2	2	2	2	2	2	3	4	4	3	3	4	4	3	3	4	4	4	3	3	3	2	2	2	3
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	3	3	3	4	3	2
9	3	3	3	3	3	3	4	4	4	5	4	4	4	4	4	5	5	6	5	5	5	4	3	3	4
10	2	3	3	3	2	3	3	4	4	4	4	4	4	4	5	5	5	5	5	3	3	4	4	3	4
11	3	2	2	2	2	2	3	4	3	4	4	4	4	4	3	4	4	4	2	2	2	2	3	3	3
12	3	3	2	2	3	3	4	4	4	4	4	4	4	5	5	5	4	4	4	4	5	4	3	4	4
13	2	2	2	2	2	2	3	3	3	3	2	1	2	2	2	2	3	3	3	2	2	2	2	1	2
14	2	2	3	3	3	3	4	4	4	4	3	3	2	2	2	3	3	4	5	5	4	5	6	5	4
15	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	2	2	2	3	2	2	3	3	2	3
16	2	1	1	1	1	2	3	3	3	3	3	3	2	3	4	4	4	4	4	3	3	3	3	3	3
17	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	4	4	4	3
18	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	2	2	2	3
19	1	1	1	1	1	1	2	2	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3
20	3	3	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3
21	4	4	4	4	3	4	4	4	3	3	3	3	4	3	3	4	4	4	3	3	3	3	3	3	3
22	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
23	1	1	1	1	1	1	1	1	2	2	3	3	3	4	4	4	4	4	3	3	3	3	3	2	2
24	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	3
25	4	3	3	3	4	4	4	5	5	4	****	4	3	3	3	4	5	6	7	5	3	3	3	4	4
26	6	4	4	5	3	4	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4	5
27	3	2	2	2	2	2	4	5	5	5	3	3	3	3	4	3	3	4	5	5	5	4	4	4	3
28	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	4	4	4	4	4	4	2
29	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	2	2	1	2	2	2	2	3
MEAN	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3.1

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	4	3	3	3	3	2	3	2	2
2	2	2	3	3	3	4	4	4	4	4	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	4	4	4	3
4	4	4	4	4	4	3	3	3	3	4	4	3	3	3	3	***	3	3	3	3	3	3	3	3	3
5	3	3	4	4	3	4	3	4	4	5	4	3	2	3	2	2	3	4	3	3	4	3	3	3	3
6	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	4	4	3	4	4	5	4	4	3	3
7	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	3	2
8	2	2	2	2	2	2	3	4	4	3	3	3	2	3	3	4	4	4	4	4	4	4	3	4	3
9	5	5	4	3	2	3	4	4	4	4	5	4	5	4	3	4	4	4	3	4	3	3	3	5	4
10	4	4	4	4	3	3	3	3	3	3	3	3	4	4	5	6	6	5	5	5	4	3	4	4	4
11	4	3	3	2	2	2	5	5	5	3	2	2	2	2	2	2	2	2	2	3	5	5	5	5	3
12	5	4	4	4	4	4	4	4	4	4	5	5	4	4	5	5	5	5	5	5	5	4	5	4	4
13	3	3	2	2	1	2	1	2	2	2	3	3	3	3	3	3	2	2	2	2	3	2	2	3	2
14	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2
15	2	2	2	2	1	2	3	4	5	4	3	3	2	2	2	2	2	2	2	2	2	2	3	4	3
16	4	3	4	3	2	3	3	4	4	4	5	5	5	6	6	6	6	6	4	2	3	3	3	3	4
17	2	2	2	2	2	2	2	3	3	2	2	2	1	2	3	2	3	3	3	4	4	4	4	4	3
18	4	4	5	4	4	4	4	5	5	4	5	5	5	4	5	5	6	5	5	5	5	5	5	5	5
19	5	4	5	5	5	4	4	5	5	***	4	4	4	4	3	4	5	4	5	4	4	3	3	3	4
20	3	3	2	2	2	2	1	2	2	2	3	3	4	3	3	3	4	4	4	3	3	2	2	2	3
21	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
22	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	5	4	4	3
23	4	3	3	3	3	3	3	4	4	4	4	3	4	3	3	4	4	4	5	6	4	4	4	4	4
24	3	3	2	2	2	3	4	5	5	5	5	5	4	4	4	4	6	4	4	4	4	3	3	2	4
25	2	1	1	1	1	2	4	5	5	4	3	3	3	3	3	3	3	4	4	3	4	3	2	4	3
26	5	5	5	5	4	4	4	6	6	6	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6
27	6	6	6	5	5	5	3	3	3	3	4	4	4	4	3	3	2	2	1	1	1	1	1	1	3
28	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	5	4	4	4	5	2	2
29	5	4	4	4	4	3	3	4	4	4	4	3	3	4	4	4	4	5	5	5	5	5	5	5	4
30	5	4	4	4	4	4	4	4	4	4	4	4	4	5	5	6	5	6	6	6	6	5	3	4	5
31	4	2	2	1	1	2	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
MEAN	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3.3

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	1	2	2	3	3	3	4	3	4	3	3	4	4	4	4	4	4	3	3	3	3	3
2	3	3	2	2	2	2	4	4	3	-	3	2	2	2	2	2	3	2	3	3	3	3	3	3	3
3	3	3	2	1	1	2	2	3	2	2	2	3	2	2	2	3	4	4	6	3	1	1	1	1	2
4	1	2	3	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2
5	3	2	2	2	2	2	3	3	4	4	4	4	3	3	3	3	4	4	4	4	3	4	4	4	3
6	5	4	4	3	4	4	5	5	5	5	5	3	2	1	2	2	2	2	2	2	2	2	4	4	3
7	4	4	3	1	2	2	2	2	2	2	3	3	5	5	4	3	4	4	3	2	1	1	2	2	3
8	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	3	2
9	3	2	2	2	2	1	2	3	4	4	5	3	5	4	4	5	2	3	3	4	4	4	3	3	3
10	4	4	4	3	3	3	3	3	4	4	4	4	4	3	3	3	3	4	3	3	3	3	3	3	3
11	2	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0
12	3	3	3	2	2	2	3	3	2	1	2	1	2	2	2	3	4	4	3	4	4	4	4	4	3
13	4	4	3	3	3	3	3	4	4	4	4	4	3	3	3	3	4	4	5	5	5	6	7	4	4
14	7	6	5	4	5	5	6	6	7	7	6	4	4	4	4	5	6	6	6	6	6	6	4	4	5
15	4	3	2	2	2	2	3	5	6	5	4	4	3	3	3	4	4	5	5	4	5	6	3	3	4
16	5	5	5	4	4	2	2	2	2	2	2	2	2	2	1	1	2	2	3	3	5	3	3	3	3
17	4	1	1	1	1	1	2	2	3	3	3	3	3	2	2	3	3	3	3	6	5	4	4	4	3
18	5	5	5	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	3	6	5	4	3	3
19	2	1	1	1	1	1	3	5	4	4	3	3	3	3	3	3	3	3	3	3	4	5	5	5	3
20	4	3	2	1	1	2	1	2	4	5	4	5	6	6	7	7	7	6	6	6	8	8	8	8	5
21	8	7	6	5	5	4	5	6	5	5	5	5	6	5	6	7	6	6	5	5	6	6	5	5	6
22	5	5	3	1	1	2	2	3	3	***	3	2	3	3	3	4	4	4	5	6	6	4	4	5	4
23	2	2	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	3	2	4	4	4	4	3	2
24	3	3	4	4	3	3	4	3	3	3	3	4	4	4	4	5	5	4	5	5	5	5	5	5	4
25	5	5	5	4	4	4	3	4	5	5	4	5	5	5	5	5	5	5	4	2	2	2	1	1	4
26	1	1	0	1	1	1	2	2	2	2	2	1	2	1	2	2	1	2	2	2	2	2	3	2	2
27	2	1	1	1	2	3	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	3	2	2	2
28	2	1	1	1	2	3	3	3	3	2	2	2	2	1	2	2	2	2	2	3	3	4	3	2	2
29	2	2	2	2	3	5	4	4	3	4	3	2	3	3	4	5	3	3	3	4	5	5	5	4	3
30	4	3	4	4	5	5	5	6	5	4	5	5	5	6	6	7	6	6	6	6	6	5	6	5	5
MEAN	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON														MONTH - MAY 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	2	2	3	4	5	4	3	6	6	6	7	8	8	7	6	5	7	6	6	5	5	4	5
2	4	3	2	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2
3	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
4	2	1	1	1	1	3	4	3	3	3	3	2	3	3	3	4	3	3	3	3	3	4	3	3	3
5	2	2	2	2	2	3	5	4	4	3	3	2	3	2	3	3	3	2	3	2	2	2	2	2	3
6	1	1	1	1	1	2	2	3	3	3	3	****	****	3	4	3	3	3	3	4	3	3	4	5	3
7	3	5	5	4	2	1	2	2	****	2	2	3	3	3	3	3	3	3	5	5	5	5	5	5	3
8	4	3	2	2	2	3	3	3	4	4	4	3	2	3	2	3	3	3	3	5	4	4	4	4	3
9	3	2	1	1	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	5	7	7	7	7	3
10	6	6	5	5	5	7	8	8	7	6	6	6	3	3	3	4	3	3	4	5	7	6	4	3	5
11	2	2	1	1	1	3	7	7	7	6	7	7	5	7	6	3	3	3	2	2	3	3	3	3	4
12	2	2	2	2	2	4	4	4	3	4	3	3	2	2	3	3	3	3	4	5	5	5	6	3	3
13	3	1	1	2	3	4	5	5	5	6	6	7	5	5	6	6	6	7	6	7	8	10	8	9	5
14	5	7	6	6	5	6	7	7	****	4	4	4	4	4	5	4	3	4	4	6	6	5	7	6	5
15	5	5	5	5	5	4	5	5	7	9	9	8	7	7	7	7	8	8	7	7	8	5	5	9	7
16	6	6	5	6	3	5	5	4	5	6	5	6	6	7	7	6	6	6	6	7	7	6	4	3	6
17	1	1	1	1	1	3	5	5	4	4	4	3	3	3	4	6	6	3	2	2	2	2	2	2	3
18	1	1	1	1	1	1	2	3	3	3	3	3	2	1	1	2	2	2	2	2	2	3	4	4	2
19	2	2	1	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	4	3	3
20	2	2	2	2	2	3	4	5	****	4	5	5	5	5	5	5	4	4	4	6	8	8	7	4	4
21	2	1	1	1	1	3	4	3	2	2	2	2	1	2	2	2	2	2	1	2	3	4	3	3	2
22	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	1	1	2	2	2	2	4	3	2
23	3	3	2	2	2	2	2	1	1	1	3	4	3	3	3	2	2	1	1	2	3	3	4	3	2
24	2	2	2	1	1	1	1	1	2	3	3	2	2	3	3	3	4	4	5	5	4	5	4	4	3
25	3	3	2	2	2	3	4	3	4	4	4	3	3	3	4	4	5	5	5	6	4	4	2	2	4
26	1	1	1	2	2	3	3	3	4	4	6	6	4	5	5	5	6	7	8	9	8	7	6	5	5
27	4	4	4	3	3	3	3	3	4	6	7	6	2	2	4	4	5	4	5	5	5	4	5	5	4
28	4	5	4	4	3	4	5	6	****	7	8	9	9	10	8	9	7	6	6	7	8	6	8	7	7
29	7	8	6	4	5	7	6	3	7	7	7	7	7	9	4	5	6	4	3	3	4	7	7	7	6
30	6	5	4	2	3	4	4	5	5	5	5	6	6	6	5	6	5	3	6	6	5	4	5	5	5
31	5	5	5	4	5	5	5	5	5	4	4	4	4	4	4	4	4	4	5	4	3	4	4	5	4
MEAN	3	3	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	3.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - JUN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	2	2	2	3	3	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4
2	4	4	4	4	4	4	4	4	5	5	5	5	5	4	5	5	5	4	5	2	3	6	5	5	4
3	5	4	4	4	4	5	6	10	12	7	4	1	2	3	4	6	6	5	5	6	7	7	6	6	5
4	7	6	6	5	5	4	4	6	***	6	7	7	7	7	6	6	6	5	5	6	6	6	6	6	6
5	6	6	5	4	5	5	5	5	7	8	7	7	8	7	8	7	6	5	4	3	4	6	6	5	6
6	5	5	5	4	4	4	5	4	3	4	3	3	2	1	1	1	1	1	1	2	3	3	3	4	3
7	4	2	2	1	1	2	5	6	4	5	3	2	2	2	2	3	2	2	1	3	5	6	6	6	3
8	5	4	3	4	4	6	7	7	7	5	5	3	2	3	3	3	2	2	2	3	6	8	7	7	5
9	6	5	3	4	5	5	5	5	7	5	3	1	2	1	2	3	3	2	2	3	3	3	3	3	4
10	1	1	1	1	1	2	5	6	5	3	3	3	3	2	2	3	3	3	3	5	4	4	5	2	3
11	2	1	1	1	1	2	4	6	****	****	3	2	2	2	2	2	1	2	1	1	2	2	1	1	2
12	1	1	1	1	3	3	****	3	2	3	2	2	2	2	2	2	2	3	2	2	3	3	3	4	2
13	4	3	3	2	1	2	3	3	3	4	4	2	2	2	3	2	2	2	2	3	3	3	3	2	3
14	2	1	1	1	1	2	3	3	4	3	4	3	3	3	3	2	2	2	2	2	3	2	2	2	2
15	2	2	1	1	1	3	4	4	4	3	2	2	3	3	3	5	5	4	4	5	5	6	7	7	4
16	5	5	8	0	7	9	13	4	3	3	3	4	4	4	4	4	3	2	2	3	3	3	3	3	4
17	3	2	2	2	2	1	2	2	2	2	2	2	2	3	4	4	5	4	3	6	6	6	5	5	3
18	5	4	3	4	3	4	4	5	6	7	7	8	9	0	8	6	6	8	8	8	9	9	8	7	6
19	8	6	6	2	2	2	3	3	4	4	4	4	4	3	3	2	2	2	1	1	1	1	2	2	3
20	2	1	1	1	1	1	2	1	1	1	1	2	2	3	2	1	1	2	4	5	7	5	5	4	2
21	3	2	3	3	2	3	4	4	3	3	3	4	4	3	4	4	3	3	4	4	4	4	3	3	3
22	2	2	2	2	2	2	2	2	4	4	3	3	3	3	3	4	5	5	6	7	5	5	6	4	4
23	8	6	5	5	5	5	6	8	7	7	5	7	8	8	8	8	7	6	6	3	3	4	8	6	6
24	9	6	4	3	4	5	6	7	5	5	5	5	7	6	6	6	6	4	4	4	4	4	3	2	5
25	2	1	2	2	2	2	2	3	3	3	3	3	3	2	4	4	3	3	3	4	4	5	4	3	3
26	3	2	1	1	1	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	4	6	5	5	3
27	5	5	4	3	2	3	3	3	2	2	2	2	4	4	3	4	4	2	2	2	2	3	2	2	3
28	1	1	1	1	1	5	5	5	4	2	4	6	5	5	5	6	5	5	4	4	4	4	4	5	4
29	5	4	4	3	2	3	4	4	3	7	8	8	8	7	5	7	4	5	6	5	5	5	7	6	5
30	6	5	4	5	2	3	9	5	****	5	6	6	6	6	6	6	5	5	5	4	4	6	6	5	5
MEAN	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	5	5	4	3.8

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - JUL 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	2	3	2	3	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2
2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	2	3	2	2
3	2	1	1	1	1	1	1	1	2	2	2	2	2	4	3	3	4	4	2	3	3	3	2	3	2
4	2	1	1	1	1	1	2	3	3	3	2	2	2	2	2	1	2	1	1	1	3	6	6	6	2
5	5	5	3	3	3	3	3	4	4	4	4	3	1	2	3	8	5	5	4	4	4	5	4	4	4
6	3	3	2	2	2	2	3	4	3	3	4	3	3	3	5	7	5	4	3	4	5	6	5	4	4
7	3	2	2	1	1	4	6	6	6	5	4	4	6	5	6	7	6	5	4	5	4	5	4	3	4
8	2	1	1	1	2	4	4	5	4	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
9	2	2	2	2	2	2	3	***	1	1	1	1	1	1	4	7	4	5	4	5	5	5	5	5	3
10	5	5	5	4	2	3	3	3	3	3	3	3	3	4	4	4	4	5	6	3	2	4	4	3	4
11	4	4	5	4	3	3	2	1	2	1	1	2	2	1	1	2	1	1	1	1	2	2	2	2	2
12	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	2	2	2	1	1	1	***	***	1	1	1	1	1	1	1	2	2	3	3	1
14	2	1	1	2	2	3	3	3	3	3	3	3	3	3	5	6	6	5	4	6	5	5	4	4	4
15	5	3	4	4	4	4	5	5	6	8	8	8	8	8	8	8	8	7	8	10	9	8	5	8	7
16	7	7	5	3	2	5	5	6	***	8	5	3	2	2	2	2	2	2	2	2	3	3	3	3	4
17	2	1	1	1	1	2	2	2	3	3	3	3	2	2	2	2	2	2	2	3	3	4	4	5	2
18	3	2	2	2	2	3	3	2	2	2	2	2	1	1	1	2	2	2	3	4	6	4	5	3	3
19	1	1	1	1	1	4	6	5	6	5	4	5	3	3	4	5	4	3	4	3	3	3	4	3	3
20	1	1	1	1	2	4	6	5	4	4	4	4	3	3	4	4	3	3	2	3	3	4	3	2	3
21	1	1	2	1	1	2	3	4	5	5	5	5	4	4	4	4	3	3	5	5	6	5	4	4	4
22	3	2	3	4	4	3	3	4	4	***	3	4	4	5	5	4	4	4	4	5	5	5	4	4	4
23	3	3	3	4	4	4	4	4	4	6	8	8	8	12	9	10	12	11	7	6	10	9	5	5	7
24	3	1	1	1	1	2	2	2	1	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	1
25	2	2	2	0	0	1	2	2	3	1	1	1	1	4	3	1	1	2	2	3	3	2	3	3	2
26	2	2	2	1	3	3	4	4	4	4	4	4	3	2	3	3	3	2	3	3	3	2	2	2	3
27	1	1	1	1	1	3	6	7	6	4	3	3	2	3	2	2	1	1	1	2	3	5	5	5	3
28	3	2	2	2	2	4	4	4	7	8	10	10	8	8	6	6	5	6	5	5	5	4	4	4	5
29	4	4	4	5	5	5	5	6	5	6	6	6	4	4	3	4	5	5	4	2	2	2	2	2	4
30	1	0	1	1	1	2	2	2	***	4	6	6	6	2	4	8	8	6	6	6	6	5	5	4	4
31	2	3	1	1	1	2	2	2	3	6	7	7	6	4	6	4	3	1	1	1	1	2	1	1	3
MEAN	3	2	2	2	2	3	3	3	3	4	4	4	3	3	3	4	4	3	3	3	4	4	4	3	3.2

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	4	3	3	
2	3	2	2	2	2	2	3	2	2	3	3	3	3	4	4	3	5	4	3	2	3	7	7	6	3
3	4	3	4	3	3	3	4	4	4	4	5	4	4	3	4	5	4	4	5	4	5	3	5	5	4
4	3	3	2	2	2	4	5	5	5	3	3	4	4	4	5	6	7	4	3	6	7	7	6	4	4
5	2	1	1	1	2	3	7	6	6	5	4	4	2	3	3	4	4	3	4	4	6	3	3	2	3
6	1	0	1	1	0	1	1	2	3	4	5	5	5	4	3	4	3	4	4	5	5	5	4	4	3
7	3	3	3	3	3	3	3	3	3	3	4	5	4	3	4	5	6	5	5	6	6	6	6	5	4
8	4	2	2	1	1	1	1	2	1	1	2	2	1	1	1	2	1	2	2	3	4	4	3	3	2
9	2	1	1	1	1	1	2	3	3	3	2	3	3	5	6	6	6	6	6	4	5	3	3	3	3
10	3	2	2	2	3	3	4	5	5	5	5	3	1	1	1	1	1	1	2	4	9	6	4	4	3
11	2	3	1	2	2	4	5	5	6	5	5	5	5	4	5	6	6	5	6	8	5	6	5	4	5
12	2	1	1	1	1	2	5	6	5	5	5	4	5	6	5	4	3	3	5	4	3	4	3	4	4
13	1	1	1	1	1	2	4	5	***	4	3	3	2	5	5	5	6	6	6	7	7	7	6	6	4
14	4	3	3	3	2	2	2	2	2	3	4	6	4	3	6	4	5	5	4	5	6	7	7	7	4
15	3	2	2	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	2	3	4	4	3	1
16	2	1	1	1	1	3	3	3	3	3	2	2	2	2	2	3	2	2	3	3	5	5	4	4	3
17	2	1	1	1	1	3	4	5	5	6	5	4	1	1	2	1	2	1	2	5	5	5	4	4	3
18	4	3	3	3	3	3	3	6	7	6	8	8	8	9	10	13	8	6	8	9	9	7	8	8	7
19	7	5	5	5	4	4	5	8	10	11	13	12	10	9	8	9	9	6	9	9	9	9	8	8	8
20	6	7	6	6	4	5	7	7	6	5	6	5	4	3	6	8	7	6	5	6	7	7	7	7	6
21	5	4	3	3	2	3	4	4	4	4	4	4	2	2	3	3	3	3	4	5	6	5	5	4	4
22	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	4	6	5	4	3	3
23	2	2	1	2	2	2	3	3	3	5	8	6	6	2	3	7	6	6	8	5	5	2	2	3	4
24	2	3	3	2	2	3	3	3	2	4	4	4	4	7	5	5	4	6	6	7	7	7	6	5	4
25	4	5	4	4	4	4	7	9	-	-	13	10	10	9	8	9	10	9	6	4	9	9	9	9	8
26	8	8	8	8	7	7	7	8	11	14	14	15	11	9	9	9	9	7	7	7	7	7	6	4	9
27	2	1	1	2	2	3	5	6	6	6	6	5	5	6	6	7	6	5	5	4	3	3	3	2	4
28	2	1	1	1	1	1	2	2	3	2	3	3	3	5	5	3	3	6	5	7	7	7	7	7	4
29	3	2	1	0	0	0	1	1	0	0	1	1	1	1	0	1	0	0	1	1	1	1	1	2	1
30	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	3	3	2	3	3	2
31	3	3	3	3	2	3	3	6	7	6	6	5	6	7	7	8	11	11	13	15	14	8	5	3	7
MEAN	3	3	2	2	2	3	3	4	4	4	5	5	4	4	4	5	5	4	5	5	6	5	5	4	4.0

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	13	11	11	10	10	10	7	7	7	7	5	4	4	4	4	4	3	3	3	2	2	2	6
2	2	1	1	1	1	1	2	2	3	4	3	2	2	4	3	7	7	7	7	7	6	5	5	7	4
3	6	5	7	11	9	8	8	7	7	6	6	6	6	7	7	7	7	7	8	8	6	4	5	3	7
4	2	1	1	1	1	1	1	2	2	3	3	3	4	3	3	2	2	2	2	5	7	4	2	1	2
5	2	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	2	2	1	2	1
6	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	3	6	6	7	7	7	5	3
7	6	6	4	4	6	6	6	6	6	6	7	6	6	6	6	6	7	5	4	4	6	6	4	6	4
8	3	5	2	2	2	6	7	7	****	8	6	10	16	18	14	16	13	12	9	6	9	13	13	13	9
9	10	11	10	10	8	9	9	10	10	13	15	15	15	14	10	10	11	9	4	9	12	11	8	5	10
10	1	1	0	0	1	2	4	4	3	2	1	2	1	1	2	4	2	4	2	3	2	3	2	1	2
11	1	1	1	1	1	2	3	2	3	3	3	2	3	1	1	1	1	1	3	4	4	4	3	3	2
12	3	3	3	4	4	4	5	2	3	5	2	2	2	2	2	2	2	4	8	7	7	4	3	5	4
13	3	1	1	1	1	6	8	8	8	7	6	5	3	4	7	8	7	6	7	7	5	8	7	6	5
14	6	2	1	1	2	6	8	8	8	7	5	5	5	5	6	8	8	8	9	8	7	8	5	3	6
15	3	2	2	2	2	6	7	8	****	11	11	14	12	10	11	11	10	8	7	7	11	11	8	6	8
16	6	7	7	6	4	3	2	2	2	2	2	2	2	5	6	7	7	6	6	6	6	6	6	6	5
17	6	6	5	4	4	4	4	4	6	6	6	6	5	5	5	6	5	5	5	5	5	4	4	4	5
18	4	3	3	1	3	5	6	7	5	3	1	1	1	4	7	1	2	4	6	6	4	4	3	4	4
19	4	2	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	4	5	4	5	5	3	2	3
20	1	1	1	1	1	5	7	8	7	7	7	2	1	2	2	3	1	1	1	1	1	1	1	2	3
21	2	1	1	1	2	2	2	3	4	3	3	3	3	4	6	6	4	4	5	5	4	4	3	2	3
22	1	1	1	1	1	2	2	2	2	3	3	2	2	3	3	4	3	4	4	5	5	5	4	4	3
23	4	4	6	5	2	5	6	6	5	****	****	5	5	4	4	5	4	4	6	5	5	5	5	4	5
24	3	2	2	2	4	4	4	5	4	4	3	3	3	4	5	4	4	6	6	5	6	5	6	6	4
25	5	5	6	3	3	6	5	5	6	6	7	6	6	6	6	6	7	8	10	9	2	1	2	2	5
26	4	4	5	5	5	4	4	4	5	5	5	5	6	7	7	5	8	8	7	7	4	3	2	2	5
27	3	4	4	3	4	4	4	5	6	6	7	5	7	7	8	8	8	8	7	7	7	7	5	4	6
28	3	2	2	2	1	2	3	3	3	3	3	3	3	3	4	6	5	6	6	5	5	5	5	5	4
29	4	2	2	2	2	4	6	6	-	6	5	4	4	4	6	8	7	6	7	7	7	8	7	4	5
30	3	4	4	4	6	6	6	6	7	8	9	11	9	8	9	8	8	8	8	7	7	7	7	7	7
MEAN	4	3	3	3	3	4	5	5	5	5	5	5	5	5	5	6	5	5	6	6	6	5	5	4	4.6

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	6	6	8	8	8	8	9	9	9	8	9	7	10	11	11	10	9	9	9	8	7	4	
2	7	7	7	7	7	8	7	7	7	10	12	13	12	9	9	9	8	7	8	8	9	9	8	8	8
3	7	6	7	7	8	8	8	8	4	6	5	3	4	4	6	7	8	8	8	8	8	8	8	7	7
4	7	7	7	7	7	7	7	7	7	6	7	8	7	7	6	7	6	7	7	7	7	8	8	7	7
5	8	7	7	8	7	7	7	8	9	8	-	-	***	7	9	10	9	10	10	11	10	8	6	3	8
6	2	1	1	2	2	5	6	7	6	7	7	8	7	7	7	7	7	6	5	5	3	2	1	2	5
7	1	1	1	1	1	1	2	4	3	3	3	2	4	5	6	5	4	3	3	4	3	3	2	3	3
8	1	1	1	2	2	2	2	3	3	3	3	4	3	3	3	5	5	5	4	3	3	3	3	3	3
9	2	2	2	3	3	3	3	3	3	2	2	2	1	1	1	2	4	3	2	4	4	4	5	4	3
10	3	2	1	1	2	2	2	3	3	2	2	2	1	1	1	1	1	2	2	5	6	6	6	6	3
11	5	5	6	6	6	5	5	6	7	7	6	5	5	5	5	5	6	7	7	7	8	7	7	8	6
12	7	7	7	7	7	7	8	9	8	7	8	8	8	7	9	9	9	8	8	8	9	7	6	4	8
13	2	2	1	1	2	5	7	7	6	6	5	5	4	4	5	5	7	5	3	4	4	4	4	3	4
14	2	1	1	1	1	2	2	3	2	2	2	2	2	3	3	4	4	4	5	5	5	5	6	3	3
15	6	4	2	2	2	4	6	6	6	4	4	4	5	6	6	6	6	6	5	4	3	3	3	2	4
16	2	2	1	1	2	2	2	1	1	1	1	2	1	2	2	3	3	2	2	3	2	3	3	4	2
17	4	4	3	2	2	2	2	1	1	1	1	1	3	5	5	5	4	1	1	1	2	4	4	3	3
18	3	3	3	4	4	4	4	5	5	4	4	2	2	3	5	5	3	2	2	2	1	2	3	4	3
19	5	5	5	5	3	5	5	5	6	6	6	6	6	6	6	7	7	6	6	6	6	5	5	5	6
20	4	4	3	4	4	4	4	-	4	4	4	5	6	7	7	8	8	8	8	8	7	7	5	4	6
21	2	1	2	2	2	3	5	5	5	5	5	4	4	4	5	6	5	5	4	4	4	4	4	4	4
22	2	1	1	1	2	3	3	4	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4	3
23	3	2	2	2	2	4	4	5	5	5	5	5	5	5	5	6	7	7	7	6	6	7	7	7	5
24	6	6	6	6	6	6	6	5	6	5	6	5	4	4	4	4	5	5	5	5	4	4	4	5	5
25	4	3	3	2	2	2	3	4	4	5	5	6	5	5	4	4	4	3	3	3	2	3	3	4	4
26	3	3	2	2	2	3	4	5	5	6	7	8	6	6	2	2	2	2	2	3	4	4	2	2	4
27	2	1	1	2	2	6	6	7	4	4	4	2	1	1	3	4	2	3	5	7	7	7	6	6	4
28	5	3	2	2	3	5	5	6	6	6	6	6	***	6	7	7	8	7	6	5	5	5	5	4	5
29	4	3	3	2	2	3	4	5	5	5	5	6	6	7	7	8	8	8	7	7	7	7	6	6	5
30	6	6	5	4	4	5	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6
31	7	7	7	7	7	6	6	5	4	3	2	2	1	1	1	1	1	1	2	4	5	5	5	5	4
MEAN	4	4	3	4	4	4	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	4.7

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRDGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29D25 BARTON/WENTWORTH HAMILTON													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	4	5	5	5	6	6	5	4	4	3	4	6	6	6	6	6	6	6	6	6	5
2	7	7	7	7	7	7	7	6	6	6	6	6	7	7	7	7	7	7	7	7	6	6	6	6	7
3	5	5	5	4	4	4	6	6	6	6	6	6	5	7	6	6	7	7	7	7	7	8	8	7	6
4	7	7	7	6	7	7	7	7	7	7	8	8	7	7	7	7	7	6	6	6	6	5	5	5	7
5	5	4	4	4	4	4	4	4	4	5	5	5	5	6	6	7	7	6	6	6	6	5	5	5	5
6	4	4	4	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	6	6	5	5	5	5
7	5	5	5	3	2	2	2	3	2	3	3	4	5	4	2	4	4	5	6	6	6	5	5	5	4
8	4	2	2	2	2	1	2	4	4	2	2	3	2	3	3	4	5	6	6	6	6	6	6	6	4
9	5	4	3	4	4	4	5	5	6	6	6	7	6	6	6	7	7	7	7	6	6	6	6	6	6
10	7	6	5	5	4	4	5	5	5	5	5	5	4	5	5	5	5	6	6	6	6	6	6	5	5
11	5	6	5	4	4	5	6	6	6	6	6	5	6	6	6	7	7	7	7	7	7	7	7	7	6
12	7	7	6	6	5	5	5	5	5	6	6	5	5	5	6	6	6	6	6	6	5	5	5	5	6
13	5	5	4	3	3	2	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	5	5	5	5
14	4	4	4	3	3	3	4	4	4	4	4	4	3	3	4	4	6	7	6	6	6	6	5	4	4
15	4	4	4	4	4	5	4	4	4	5	5	5	6	6	7	7	8	8	8	8	8	8	8	8	6
16	8	8	8	7	7	6	6	6	6	6	6	6	6	7	7	8	8	8	8	8	8	8	7	7	7
17	7	7	7	7	6	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	7	7	6	4	7
18	4	4	3	4	4	4	4	4	4	4	5	5	5	5	6	6	6	6	6	6	6	5	5	5	5
19	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	4	3	4	4	4
20	4	4	4	4	4	4	4	3	3	2	3	3	3	3	3	3	3	5	6	6	6	6	6	6	4
21	5	6	5	3	2	2	1	1	2	2	3	3	3	4	4	5	6	4	3	4	4	4	4	3	3
22	3	2	2	2	1	2	4	5	6	6	6	6	6	6	6	6	6	6	5	4	4	4	4	3	4
23	3	2	2	2	2	2	3	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	4	4
24	4	4	2	2	2	2	4	5	5	5	5	6	5	5	6	6	5	5	5	5	5	6	5	5	5
25	4	4	4	3	3	4	4	4	5	5	5	5	6	****	5	5	6	6	6	7	6	7	6	6	5
26	7	6	5	3	2	2	4	5	5	5	5	6	6	6	6	7	7	7	6	6	6	6	6	5	5
27	5	5	5	2	2	2	3	4	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
28	3	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	3	2	3	3	3
29	2	2	2	1	1	2	2	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4
30	4	3	2	2	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	6	6	5	5	5	4
MEAN	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	5	5	4.9

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRDGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29D25 BARTON/WENTWORTH HAMILTON													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	3	3	3	5	6	6	****	7	6	7	7	7	7	7	6	6	6	6	6	6	6	6
2	5	6	5	4	3	5	6	7	6	6	3	2	3	2	2	3	6	6	6	6	5	5	4	4	5
3	4	4	4	4	4	5	5	6	6	7	7	6	6	7	6	6	6	6	6	6	5	6	6	6	6
4	6	6	5	5	6	6	6	6	6	7	7	7	6	7	7	7	7	8	7	7	7	7	6	6	6
5	5	5	5	4	4	4	4	4	4	4	4	4	5	6	6	8	7	7	8	7	7	6	6	6	5
6	7	7	7	6	7	6	6	7	7	8	8	8	8	9	11	10	8	8	8	8	7	6	6	6	7
7	7	6	6	7	7	6	4	5	5	5	5	5	2	1	2	3	4	5	6	5	6	6	6	4	5
8	2	1	1	1	1	2	3	6	6	6	4	6	9	8	7	7	7	7	7	8	8	7	6	6	5
9	5	4	3	2	3	3	5	7	7	6	7	7	7	****	7	8	8	8	8	7	7	7	7	8	6
10	8	8	8	8	6	5	5	6	6	5	5	5	5	6	6	6	6	6	5	5	4	5	4	3	6
11	3	2	2	1	1	2	2	4	5	5	4	5	5	5	6	6	6	7	6	6	6	6	6	5	4
12	6	6	5	5	5	5	4	4	4	4	5	5	6	6	6	6	6	6	6	5	4	3	3	3	5
13	2	1	1	1	1	2	5	6	6	6	3	2	3	4	5	5	6	7	6	6	7	7	7	6	4
14	7	6	6	5	5	5	6	5	5	5	5	5	6	6	6	6	7	6	5	4	4	4	4	4	5
15	4	4	4	4	4	4	4	5	5	6	6	6	6	6	6	7	7	7	7	7	8	8	7	10	6
16	10	10	9	9	9	8	8	7	7	8	8	7	8	8	8	8	8	8	8	8	9	9	8	8	8
17	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	7	7	6	5	*****
18	6	6	5	4	3	1	4	5	5	5	3	2	2	2	2	3	6	6	6	7	6	6	6	6	4
19	6	6	6	7	6	6	6	7	6	6	6	6	7	7	7	7	8	8	8	8	8	8	8	8	7
20	8	8	7	7	7	6	6	6	6	7	7	6	6	4	4	4	4	4	3	3	3	2	2	2	5
21	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	4	4	5	6	6	6	5	5	5	3
22	5	4	3	3	2	2	4	5	5	5	4	4	5	6	6	7	7	6	6	6	5	5	5	5	5
23	4	4	4	4	3	3	4	4	4	4	5	5	5	6	6	5	4	5	6	6	5	5	5	5	5
24	4	4	4	3	3	2	4	4	4	5	5	5	6	6	6	6	6	6	7	7	7	6	6	6	5
25	6	6	5	5	5	4	4	4	4	4	4	5	5	4	5	5	6	6	6	6	6	6	6	5	5
26	4	3	2	2	3	3	4	4	4	4	3	4	5	4	4	3	5	5	6	4	3	3	3	1	4
27	2	3	3	3	2	2	4	4	4	4	4	4	5	5	5	5	6	6	5	6	6	6	6	5	5
28	6	6	6	6	4	4	5	6	6	6	6	6	7	7	7	7	7	8	7	7	7	7	7	7	6
29	6	6	5	4	4	4	4	6	6	6	6	6	5	6	6	6	6	6	6	6	5	5	5	5	5
30	5	6	6	6	6	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	6	6	6	6
31	5	5	5	4	3	3	3	5	5	5	5	6	6	6	6	5	6	5	5	6	5	5	5	4	5
MEAN	5	5	5	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	5	5.4

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	3.3	4	7
FEB	29	3.1	5	8
MAR	31	3.3	6	6
APR	30	3.1	6	8
MAY	31	3.8	7	10
JUN	30	3.8	6	13
JUL	31	3.2	7	12
AUG	31	4.0	9	15
SEP	30	4.6	10	18
OCT	31	4.7	8	13
NOV	30	4.9	7	8
DEC	30	5.4	8	11
YEAR	357	4.0	10	18

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	22	316	223	1	0	0	0	562
FEB	67	368	257	3	0	0	0	695
MAR	63	353	326	0	0	0	0	742
APR	107	338	258	15	0	0	0	718
MAY	62	325	268	83	0	0	0	738
JUN	65	281	301	66	2	0	0	715
JUL	155	308	231	41	3	0	0	738
AUG	132	239	257	98	10	5	0	741
SEP	101	178	266	139	22	9	0	715
OCT	57	189	294	193	6	0	0	739
NOV	6	134	466	113	0	0	0	719
DEC	16	87	462	164	1	0	0	730
YEAR	853	3116	3609	916	44	14	0	8552

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
97.4	0	1.0	2.2	3.2	4.4	6.2	7.1	8.1	9.3	18	4.0

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	2
2	3	3	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	3	2	2	2	2	2	2	2
4	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	1
5	3	3	3	2	2	2	3	3	4	5	4	4	4	4	3	3	3	4	4	4	3	3	3	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	2
7	4	3	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	3	4	4	4	5	4	5	4	3	2	3	2	3	4	4	4	4	3	3
9	3	3	2	2	2	3	4	4	3	****	2	2	2	1	2	3	3	3	3	4	4	4	3	3	3
10	3	3	3	3	4	4	4	4	3	3	2	2	2	2	2	3	4	4	4	4	4	3	4	5	3
11	5	4	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	3
12	3	3	2	2	2	2	2	3	3	3	4	4	5	4	4	4	4	4	4	3	3	3	3	2	3
13	2	3	3	2	3	3	4	4	4	4	3	4	4	3	4	4	5	4	4	3	4	3	3	3	3
14	3	3	3	1	1	2	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	4	4	3	3	2	2	3	3
16	3	3	3	3	3	2	2	2	2	3	****	****	3	3	2	2	3	3	3	3	2	3	3	3	3
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3	2
18	3	3	3	2	3	3	3	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	3
19	4	4	4	4	3	2	3	3	3	3	2	3	3	3	3	4	3	4	4	4	3	3	3	3	3
20	3	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	2	3	3	3	3	3
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	2	2	2	2	3
22	2	2	1	1	1	1	2	2	2	2	1	1	1	1	2	2	3	3	3	3	2	3	3	2	2
23	2	2	2	3	3	3	3	3	4	5	6	6	6	6	4	4	4	3	3	3	3	3	3	3	4
24	3	3	3	3	2	3	3	3	3	2	2	3	2	2	3	3	3	3	4	3	3	4	4	4	3
25	4	5	4	4	3	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
26	3	3	3	4	4	4	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
27	2	2	2	1	1	1	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3
28	3	3	2	2	1	2	3	4	4	3	2	2	3	3	3	3	3	3	3	3	2	2	3	3	3
29	3	3	3	3	3	3	3	3	3	2	1	1	1	2	2	1	2	2	2	2	2	2	3	3	2
30	3	3	3	2	3	3	3	3	3	3	3	3	3	3	2	3	3	4	4	3	3	3	3	3	3
31	4	4	4	4	6	5	3	4	3	4	3	3	3	2	2	3	3	3	3	3	2	2	2	2	3
MEAN	3	3	3	2	2	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	2	2	1	1	1	1	1	2
2	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	2	3	3	3	3	2	2	2	2
3	2	2	2	2	2	3	3	3	3	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	3
4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	2	3	3	3	3	3	4	3	3
5	4	4	3	3	3	3	3	4	4	3	3	2	2	3	3	3	3	3	3	3	3	3	4	3	3
6	4	4	4	4	4	4	3	4	4	4	4	3	***	***	2	2	2	3	3	4	4	3	3	3	3
7	2	2	2	1	2	1	2	3	3	3	3	3	2	2	3	3	3	3	2	2	2	3	3	2	2
8	2	2	2	2	3	4	2	2	2	2	1	1	1	1	1	1	2	2	2	2	3	3	3	3	2
9	2	2	3	2	3	3	4	4	5	5	4	4	3	3	3	3	3	3	4	4	3	3	3	3	3
10	4	4	3	3	3	4	4	4	4	4	4	4	4	4	5	5	6	6	6	6	5	4	4	4	4
11	3	2	2	1	1	1	2	3	4	3	3	3	3	2	2	3	2	3	2	2	2	2	2	2	2
12	3	3	3	3	3	3	3	3	***	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3
13	3	3	3	3	4	4	4	4	4	3	2	2	2	2	2	2	3	4	3	3	3	3	3	2	3
14	2	3	3	4	3	3	3	3	3	2	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3
15	3	4	4	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	2	3
16	1	1	2	2	2	2	2	3	4	4	4	3	4	4	4	3	3	4	3	2	2	2	2	2	3
17	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3	3
18	2	2	2	2	1	1	2	2	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	1	2
19	1	1	1	1	1	1	1	1	2	2	3	2	2	1	1	2	2	2	3	3	2	2	2	2	2
20	2	2	1	1	1	1	2	3	3	3	3	3	3	2	2	2	2	3	3	4	4	4	3	3	3
21	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	4	3	3
22	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
23	1	1	1	1	1	1	2	2	3	2	3	3	3	3	2	3	3	3	2	2	2	2	3	3	2
24	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	3
25	4	4	5	4	4	4	4	4	5	6	5	***	***	***	***	5	6	6	7	8	8	7	6	6	5
26	6	6	6	5	6	5	5	7	8	6	8	5	5	6	6	7	8	6	6	6	6	6	6	5	6
27	4	5	7	3	3	4	5	5	5	3	2	2	3	3	4	5	5	5	5	4	4	3	3	3	4
28	3	4	5	4	2	1	1	1	2	2	2	2	1	2	2	2	2	3	4	4	3	3	3	3	3
29	3	4	3	3	2	2	3	4	3	3	3	5	5	3	3	3	3	3	3	3	4	3	3	3	3
MEAN	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - D.D1 PARTS/MILLION

	STATION - C ND 31DD1 67 COLLEGE ST FIFTH FLDDR TORONTO															MONTH - MAR 76									
HDUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	5	4	3	3	3	2	3	3	4	4	3	3	2	2	3	2	3
2	2	2	2	3	2	2	3	4	4	3	3	3	3	3	3	4	4	3	3	3	4	4	4	4	3
3	4	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3
4	4	5	5	5	5	4	3	4	4	4	3	***	3	3	3	3	4	4	3	3	3	3	3	3	3
5	3	3	3	3	4	4	4	5	8	6	4	4	3	5	3	3	3	3	2	2	2	2	2	2	4
6	1	1	1	2	2	2	3	2	2	2	2	1	2	1	1	2	2	2	3	4	5	5	3	3	2
7	3	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2
8	3	2	1	1	1	1	1	3	4	4	3	2	2	2	2	2	2	3	3	4	4	5	5	3	3
9	4	4	5	4	3	3	2	3	3	3	2	2	2	2	3	3	3	3	4	4	5	5	5	5	3
10	5	5	5	6	6	6	5	5	4	4	4	4	4	4	5	5	5	6	5	6	5	4	4	4	5
11	3	4	3	2	2	2	3	4	4	2	2	2	2	2	2	2	3	3	5	5	5	6	6	3	3
12	6	5	4	2	2	2	2	3	3	2	3	3	-	-	-	2	4	4	5	5	5	5	4	4	4
13	3	3	2	3	2	2	2	3	2	3	2	2	1	1	2	2	2	2	2	2	3	2	2	3	2
14	3	4	5	3	3	3	3	2	2	2	2	2	2	2	3	3	4	3	4	3	2	2	2	3	3
15	2	1	1	1	1	1	2	3	3	2	2	2	2	2	3	2	3	3	5	5	5	5	5	3	3
16	4	4	2	2	1	2	3	4	5	4	4	5	5	5	4	4	4	5	6	3	3	2	2	4	4
17	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	3	3	3	4	5	2
18	5	4	5	5	5	5	5	5	5	4	4	4	4	4	3	4	4	5	5	5	5	5	5	5	5
19	4	4	4	4	4	5	5	6	6	6	5	5	5	5	5	6	7	***	***	8	7	5	4	4	5
20	4	4	3	3	3	3	3	3	3	3	4	4	3	3	4	5	***	5	***	4	4	3	3	2	3
21	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2
22	2	1	2	2	2	2	2	3	3	3	5	5	4	3	3	2	3	3	4	4	4	4	4	4	3
23	4	4	4	4	4	3	4	4	4	4	5	3	3	4	4	4	5	5	5	6	6	5	4	4	4
24	4	3	3	3	3	4	4	5	5	5	4	4	4	3	3	4	4	5	4	4	3	3	4	3	4
25	3	2	1	****	****	4	****	****	3	2	2	2	2	****	****	2	2	2	3	4	***	4	5	5	3
26	5	5	4	4	4	4	4	4	4	4	3	3	3	4	4	4	5	6	6	8	8	8	8	5	5
27	7	6	7	8	7	6	5	3	3	3	4	4	****	3	4	4	****	3	2	2	1	1	2	4	4
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	5	5	6	2	2
29	6	6	5	4	3	2	2	3	3	3	2	2	3	3	3	3	3	4	4	4	3	3	2	3	3
30	2	2	2	1	1	1	2	3	3	3	3	3	2	-	****	3	4	5	5	5	6	6	6	6	3
31	4	2	2	1	2	2	3	3	4	4	5	5	5	4	5	4	4	4	4	4	5	5	5	4	4
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3.3

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.D1 PARTS/MILLION

STATION - C	67 COLLEGE ST FIFTH FLDDR TORONTO																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
MONTH - APR 76	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
MEAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	3	3	2	3	3	3	3	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	5
2	4	4	4	4	3	3	3	4	3	3	2	2	2	2	2	2	3	3	4	4	4	4	4	3
3	2	2	2	2	2	3	2	2	1	1	1	1	2	3	3	4	4	5	7	4	3	3	3	3
4	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2
5	2	2	1	2	1	2	3	3	3	2	2	2	2	1	1	2	2	3	4	4	6	6	5	6
6	6	4	1	1	2	2	4	4	4	3	3	2	2	4	5	3	3	3	3	3	4	4	5	3
7	4	3	2	2	2	2	3	3	3	2	2	2	2	1	2	2	2	3	3	3	4	4	4	3
8	3	3	3	2	2	3	3	3	3	2	2	2	2	2	2	2	3	3	3	4	4	3	4	3
9	3	3	2	2	2	2	3	****	4	2	2	3	4	4	4	5	5	5	5	6	6	5	6	4
10	7	5	4	4	4	4	5	4	4	4	4	5	2	2	2	2	2	3	4	3	2	2	2	3
11	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2
12	3	3	2	2	3	2	3	3	3	2	2	2	****	2	2	2	2	2	2	3	4	5	5	3
13	5	4	4	4	4	3	5	4	4	2	2	2	2	2	2	2	2	3	3	5	6	6	7	4
14	8	8	7	6	7	7	8	11	10	11	9	7	7	7	7	7	7	6	6	7	7	8	6	8
15	6	6	6	5	4	5	5	****	7	7	8	8	8	8	7	9	9	7	8	10	7	8	7	6
16	7	7	7	5	4	5	6	4	5	3	3	3	3	3	3	5	8	9	7	7	8	9	9	8
17	8	8	7	6	6	6	5	5	5	6	5	5	5	5	3	3	3	4	5	7	7	5	5	7
18	9	11	8	10	8	7	11	9	8	6	4	4	4	4	4	5	5	3	6	9	9	7	5	4
19	4	5	7	6	5	6	7	9	9	7	6	6	4	2	2	2	2	2	3	4	5	6	5	5
20	3	2	1	1	1	1	2	3	4	3	2	3	6	6	7	8	8	8	7	7	8	8	7	6
21	5	5	4	3	2	3	2	3	3	2	2	3	3	6	8	7	8	6	5	6	7	6	4	5
22	4	5	3	3	4	2	3	4	5	4	3	3	3	2	3	4	5	6	7	5	6	3	2	4
23	4	2	0	1	1	1	1	2	2	1	1	2	1	2	3	4	5	4	5	7	6	4	4	3
24	4	4	3	3	2	2	2	2	2	2	2	1	2	2	3	3	3	4	5	6	6	5	5	3
25	4	4	4	3	2	2	2	1	1	2	2	2	3	3	3	3	3	4	3	2	2	2	2	3
26	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
27	2	1	1	1	1	2	3	2	2	2	2	1	1	2	2	2	2	2	2	3	3	3	3	2
28	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	2
29	3	3	2	2	3	4	5	6	5	5	6	5	5	5	5	5	6	3	3	2	4	5	5	4
30	5	4	4	4	5	6	7	8	8	7	6	4	3	3	3	4	4	4	5	5	6	5	4	5
MEAN	4	4	3	3	3	3	4	4	4	3	3	3	3	3	3	4	4	4	4	5	5	5	5	3.7

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - D.D

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001

67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	7	5	5	6	6	6	7	4	4	4	4	4	4	5	6	6	8	5	5	6	4	5
2	3	5	6	6	4	3	4	4	3	3	3	3	3	3	2	2	3	3	3	2	2	2	2	1	3
3	1	1	2	1	1	1	2	2	2	2	-	-	1	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	3	3	2
5	3	3	3	3	3	3	5	4	4	4	4	4	3	3	3	4	3	3	3	3	3	3	2	2	3
6	2	1	1	1	1	2	3	4	4	4	3	4	4	4	4	5	5	4	4	4	4	3	4	3	3
7	3	2	2	2	2	2	3	3	3	3	3	3	4	3	3	3	3	4	3	4	3	4	3	4	5
8	3	2	2	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	2	3	5	4	4	4	2
9	4	5	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	5	6	7	8	4
10	9	9	9	8	5	7	7	8	8	5	5	6	7	7	6	5	5	4	5	6	5	4	4	3	6
11	3	3	1	1	2	3	6	9	10	6	7	****	****	****	****	6	4	3	3	3	2	2	2	2	4
12	1	1	1	1	1	2	3	2	****	****	****	****	****	2	2	2	2	2	2	2	5	4	4	5	2
13	4	5	5	5	5	5	7	6	6	6	6	4	5	4	5	5	6	6	7	6	5	5	6	5	5
14	5	4	5	5	6	7	9	8	6	7	7	6	5	5	6	6	7	6	6	6	6	7	9	9	6
15	8	6	6	7	6	6	7	6	8	6	4	4	2	3	3	4	3	3	3	4	4	4	4	3	5
16	3	2	1	1	1	1	2	2	2	3	4	5	4	4	5	4	5	7	5	6	8	7	6	7	4
17	5	4	3	3	2	3	5	6	5	5	6	5	4	4	5	****	5	3	2	2	2	2	2	1	4
18	1	1	1	1	1	1	2	3	2	2	****	2	2	2	2	1	2	2	2	3	3	3	3	2	2
19	2	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
20	2	2	1	2	1	2	3	4	3	2	3	4	4	4	5	3	2	2	3	4	6	7	7	7	3
21	5	2	2	2	2	2	2	3	2	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	2
22	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	2
23	3	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2
24	2	2	1	1	2	2	1	1	1	1	2	3	2	2	1	2	2	2	4	5	3	4	4	4	2
25	3	3	3	3	3	3	3	3	2	1	2	2	2	2	2	3	3	4	5	4	3	3	3	3	3
26	3	2	2	2	2	2	3	4	6	****	****	3	3	4	5	5	5	6	4	4	5	5	4	4	4
27	4	4	4	3	3	3	3	3	4	6	7	5	4	4	4	5	5	5	4	5	4	4	6	5	4
28	5	5	6	5	4	5	6	5	7	****	5	5	5	4	5	7	5	4	5	5	4	4	6	6	5
29	6	8	7	6	5	6	4	4	4	5	5	4	3	3	3	3	3	3	3	3	3	4	6	6	4
30	6	5	4	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	2	2	2	3	3
31	2	2	2	4	4	4	4	4	4	3	3	4	****	****	3	4	5	5	5	5	5	5	6	4	4
MEAN	4	3	3	3	3	3	4	4	4	3	4	3	3	3	3	3	3	3	3	4	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001

67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	3	3	3	3	3	3	4	4	5	4	4	5	4	5	5	5	5	6	4
2	5	5	6	6	5	4	4	4	2	2	2	2	3	3	3	3	3	3	3	4	5	5	5	5	4
3	5	5	5	5	5	5	8	13	10	9	10	8	7	6	5	4	3	3	4	4	5	5	6	6	6
4	5	5	5	4	4	4	5	****	3	2	2	2	2	2	2	2	3	3	3	4	4	6	6	4	4
5	6	6	6	5	5	4	4	4	5	3	3	3	3	3	2	2	2	3	2	3	5	6	6	4	4
6	6	6	7	6	5	4	3	4	3	3	1	1	1	2	1	1	1	2	2	2	3	2	3	3	3
7	2	2	3	2	2	3	5	3	2	2	2	2	2	2	2	3	2	2	2	3	4	7	8	6	3
8	7	6	6	4	4	3	6	6	8	11	7	7	6	6	4	5	5	2	3	3	4	6	4	8	5
9	8	8	5	4	2	3	4	6	10	9	****	6	5	5	4	6	5	5	4	6	9	10	9	10	6
10	8	6	5	4	4	4	6	8	9	7	6	5	3	4	5	6	7	2	4	4	7	8	6	5	6
11	4	3	3	3	3	5	7	6	8	6	6	4	3	2	1	2	2	1	2	2	2	3	2	3	3
12	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2	2
13	3	2	2	1	2	2	2	2	3	3	3	3	2	3	2	3	3	6	8	8	5	8	3	3	3
14	2	3	2	2	3	4	7	7	5	4	4	4	4	4	4	5	5	5	4	4	7	9	8	6	5
15	7	5	5	5	5	5	5	7	7	8	5	4	5	4	4	3	3	3	4	4	3	2	2	2	4
16	2	2	2	2	3	3	4	5	6	5	3	4	4	4	4	5	4	4	4	4	4	4	4	4	4
17	3	2	1	1	1	1	2	2	2	2	3	4	3	3	3	4	4	3	4	4	5	6	7	7	3
18	5	5	6	5	4	4	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4
19	5	5	3	3	2	3	3	4	3	3	4	3	3	3	3	4	4	4	2	2	3	3	3	3	3
20	3	2	1	1	1	1	1	1	1	1	1	1	1	3	3	4	4	4	4	7	8	8	6	4	3
21	3	3	3	3	2	3	4	3	3	3	2	3	3	2	2	3	2	2	2	3	3	4	4	4	3
22	4	3	3	3	4	3	4	4	4	5	4	3	3	3	4	4	3	3	3	3	7	8	5	6	4
23	4	3	4	6	5	5	7	8	4	3	3	3	2	2	2	3	3	3	3	3	4	6	7	8	4
24	5	4	4	4	3	4	6	9	9	5	6	7	8	5	5	5	5	5	4	4	3	3	3	3	5
25	1	1	1	1	2	4	4	4	5	4	4	4	2	2	2	2	2	2	2	2	3	4	4	4	3
26	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	4	5	3	3	3
27	4	5	4	1	1	2	2	2	2	2	3	2	2	2	2	2	3	2	3	4	6	6	5	2	3
28	4	3	1	1	1	2	4	3	2	2	3	5	5	7	6	4	4	3	3	3	3	3	3	3	3
29	3	3	3	3	3	2	3	4	3	3	4	4	3	3	3	4	5	4	3	3	5	5	5	5	4
30	5	4	4	1	1	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	4	4	4	3
MEAN	4	4	4	3	3	3	4	5	4	4	4	4	3	3	3	3	3	3	3	4	4	5	5	5	3.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - JUL 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	2	1	2	2	2	2	3	2	2	2	3	3	3	3	2	2	2	2	3	2	2	2	2
2	2	1	1	1	0	1	2	2	1	2	2	3	3	3	3	3	2	3	2	3	2	2	2	2	2
3	2	1	1	1	2	2	2	1	1	1	1	1	2	2	3	2	3	3	4	3	4	3	3	3	2
4	2	2	2	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	3	4	4	5	5	4	2
5	3	3	4	3	3	3	3	5	7	9	6	5	4	5	4	5	4	3	4	5	10	5	8	8	5
6	4	3	2	4	4	4	5	9	8	6	5	4	4	3	3	3	3	3	4	6	6	5	4	4	4
7	5	4	4	4	5	5	6	6	6	5	4	3	4	4	3	3	4	5	6	7	6	6	5	6	5
8	6	6	4	3	2	2	4	5	4	2	2	2	2	2	2	2	2	1	2	3	3	3	3	3	3
9	3	3	2	2	2	2	3	3	2	3	5	5	***	3	3	2	3	4	4	4	4	3	4	5	3
10	5	5	5	4	3	3	3	4	4	3	3	3	3	3	4	4	4	4	4	3	3	3	4	4	4
11	5	5	3	2	3	3	3	4	5	2	5	3	3	3	2	1	1	1	1	1	2	2	2	1	3
12	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	1
14	2	2	2	2	2	2	2	***	3	3	3	2	2	2	2	3	4	4	4	5	4	3	3	3	3
15	3	3	3	3	3	4	4	5	3	2	3	2	2	3	2	3	2	2	3	3	3	4	4	3	3
16	3	3	3	1	2	3	4	6	4	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	- DATA INVALID -																								
18	- DATA INVALID -																								
19	***	***	***	***	***	***	***	***	***	***	***	***	4	4	4	5	5	4	5	4	5	6	6	6	***
20	4	3	3	2	2	3	4	4	4	4	4	4	4	4	5	6	6	7	5	5	3	5	5	4	4
21	4	2	1	1	2	2	3	3	2	2	2	2	2	2	2	3	3	3	3	4	5	5	4	3	3
22	3	4	2	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2
23	2	2	2	3	3	3	3	6	5	4	***	5	7	6	5	5	5	5	5	7	8	5	5	6	5
24	6	6	4	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	2	2
25	3	3	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	4	5	3	4	4	4	3
26	5	5	5	3	3	3	3	4	3	3	3	2	3	3	4	4	3	3	3	3	3	4	4	4	3
27	4	5	4	6	1	3	5	3	2	2	3	4	3	4	4	5	2	2	2	3	4	4	3	3	3
28	2	2	1	2	2	2	3	4	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	4	3	3	3	3	3	3	2	2
30	2	1	1	2	2	2	2	***	3	4	6	3	3	3	3	3	3	3	4	5	4	6	5	6	3
31	6	5	5	4	4	3	5	5	4	5	4	4	4	4	5	6	5	2	2	2	2	2	2	2	4
MEAN	3	3	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3.0

PERCENTAGE OF DATA VALID - 89.5

PERCENTAGE OF DATA INVALID - 10.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - AUG 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	2	2	2	3	3	3	
2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	2	
3	2	2	2	2	2	2	2	3	4	4	3	2	2	2	2	2	2	2	2	2	3	3	3	2	
4	3	2	3	2	2	3	3	3	4	3	2	2	3	2	3	3	4	3	2	3	3	4	3	3	
5	3	3	2	3	3	2	3	4	4	3	3	3	3	3	4	4	4	4	3	4	3	2	2	3	
6	1	1	1	0	1	1	1	2	1	1	1	1	2	2	2	2	3	2	3	3	4	4	4	2	
7	3	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3	3	3	3	4	3	3	2	
8	3	2	2	1	1	1	2	1	1	2	1	2	2	2	2	2	2	2	3	3	3	3	3	2	
9	2	1	1	1	1	1	2	2	2	2	2	3	3	3	4	4	5	5	5	3	3	2	2	3	
10	2	1	1	1	2	3	4	4	4	3	2	2	2	2	2	2	2	3	3	6	7	8	7	8	
11	8	5	3	3	3	3	3	3	3	3	3	3	4	5	4	3	4	3	4	3	3	4	4	4	
12	3	2	2	2	2	4	4	5	4	4	***	3	5	5	4	5	4	4	5	6	4	4	5	4	
13	3	3	4	3	3	4	4	4	3	4	4	4	3	4	4	4	5	4	4	6	5	5	5	4	
14	3	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	4	4	3	3	2	3	2	
15	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	
16	2	2	1	1	2	2	3	3	***	1	1	1	2	1	2	2	2	3	2	4	4	4	3	4	
17	3	2	1	1	2	3	4	4	4	4	3	3	3	2	2	2	3	3	4	4	5	4	5	4	
18	3	2	1	1	2	2	3	4	5	7	6	3	3	***	3	4	4	4	4	5	5	5	5	4	
19	4	4	4	4	4	4	4	5	3	3	4	3	3	3	4	4	4	3	4	5	5	5	7	8	
20	7	6	6	6	6	5	5	6	6	6	6	5	4	4	3	3	3	4	5	4	4	6	6	6	
21	4	3	4	5	6	5	5	4	4	3	5	4	4	4	4	4	4	4	4	5	5	6	10	8	
22	6	5	3	2	2	2	2	3	4	4	3	4	3	2	2	2	3	2	3	4	6	7	8	8	
23	7	5	3	2	1	2	4	5	4	3	2	2	3	3	3	4	3	2	3	3	3	3	3	3	
24	2	1	1	2	1	2	3	2	2	2	2	2	3	2	3	3	2	3	3	4	5	4	4	5	
25	5	4	4	4	4	4	5	9	13	14	8	6	6	6	5	5	5	6	6	7	7	6	6	8	
26	6	6	6	5	5	5	6	8	***	4	5	4	5	6	7	8	7	5	4	5	5	4	4	3	
27	2	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	4	3	3	3	4	3	3	3	
28	2	2	2	2	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	2	
29	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	
30	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	2	
31	2	2	2	1	2	2	3	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	4	3	4	4	5	5	4	3	3	3	3	3	3	2	2	3	3	2	3	2	2	3
2	2	2	1	1	1	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2
3	2	3	4	4	4	4	5	6	3	2	2	2	2	3	3	4	4	4	4	4	3	3	3	3	3
4	2	2	1	1	2	2	3	3	3	2	2	2	3	3	1	1	1	2	2	3	3	2	2	2	2
5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
6	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	3	3	2	3	2	2
7	2	2	2	3	2	2	3	3	4	3	3	3	2	3	3	2	2	3	4	4	4	3	3	4	3
8	4	5	5	5	5	5	6	8	11	8	13	7	6	5	6	8	9	7	4	6	6	5	9	8	7
9	5	4	3	2	2	3	4	5	4	4	5	3	3	4	5	5	4	4	4	5	8	9	9	8	5
10	6	1	1	1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2
11	1	1	1	1	1	1	1	2	2	1	1	2	2	1	1	1	1	2	3	3	4	4	3	4	2
12	4	3	3	4	3	3	3	4	3	3	3	3	3	3	5	2	2	2	4	4	6	7	7	4	4
13	7	7	6	5	4	4	5	6	8	9	7	5	5	4	4	4	4	3	4	5	6	7	7	7	6
14	7	5	4	4	4	6	6	7	8	7	6	6	6	5	4	5	5	5	6	7	6	5	3	3	5
15	3	4	6	7	7	6	6	7	5	4	8	7	5	4	5	5	6	5	7	7	7	7	8	8	6
16	3	1	1	1	1	2	2	3	2	2	3	2	2	2	3	4	4	4	4	5	5	5	5	5	3
17	3	2	1	1	2	2	3	4	3	2	2	2	3	2	3	3	3	3	3	4	4	4	4	3	3
18	4	4	3	3	2	1	2	2	2	2	2	2	1	2	3	2	2	3	4	4	4	3	3	3	3
19	3	2	2	1	1	1	2	2	2	2	2	2	3	2	1	1	1	2	3	4	6	6	5	5	3
20	3	2	2	3	2	4	5	4	4	4	****	3	2	2	2	2	2	2	2	2	2	1	2	2	3
21	1	1	1	1	1	2	2	3	3	3	3	2	2	2	2	2	3	4	4	4	3	3	2	2	2
22	1	2	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2
23	4	3	2	3	2	2	3	3	3	3	3	2	2	1	1	1	2	2	2	3	3	2	2	2	2
24	1	1	1	1	2	3	3	3	3	2	2	1	1	1	2	3	3	3	3	4	4	3	4	3	2
25	4	4	1	3	3	3	3	3	3	4	3	3	4	3	3	3	2	3	3	3	3	3	3	3	3
26	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	3	3	3	3	3
27	2	2	2	2	2	2	3	4	4	3	3	3	3	3	4	4	5	4	4	5	4	3	2	2	3
28	2	1	1	1	2	2	2	2	2	2	1	1	2	2	2	3	3	4	4	4	4	3	3	3	2
29	3	3	3	3	3	3	4	4	4	3	3	2	2	2	2	2	2	3	4	6	6	5	5	5	3
30	5	4	3	2	3	4	4	4	5	2	2	2	2	2	3	4	3	4	4	4	5	5	5	6	4
MEAN	3	3	2	2	2	3	3	4	4	3	3	3	3	2	3	3	3	3	3	4	4	4	4	4	3.1

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	4	4	4	5	6	5	4	4	4	3	3	6	6	5	5	4	5	5	4	5	5	5
2	6	6	5	4	4	4	5	5	5	9	6	5	5	4	4	4	5	6	7	7	7	7	7	8	6
3	8	7	6	5	6	2	2	2	2	2	2	2	2	1	1	2	2	3	4	4	5	5	5	5	4
4	5	5	5	4	4	4	4	4	3	2	2	2	2	2	2	2	3	4	4	4	6	5	4	4	4
5	5	5	5	5	5	4	5	5	5	4	4	5	5	4	4	4	4	5	5	6	5	6	4	3	5
6	2	2	1	1	2	3	5	5	4	4	3	4	5	5	6	4	4	4	4	2	2	1	1	1	3
7	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2
8	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	3	2
9	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2
10	3	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	4	4	3	3	3	2
11	3	3	4	3	3	4	4	3	3	3	2	1	1	1	1	1	1	2	3	3	3	3	3	2	3
12	3	4	3	3	4	4	5	4	3	3	3	3	3	4	4	4	4	4	3	3	4	4	4	3	4
13	2	2	2	3	3	4	5	5	****	****	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3
14	1	1	1	1	1	2	2	2	2	1	1	****	2	****	1	2	2	3	3	4	4	4	4	4	2
15	3	3	3	3	3	3	5	5	4	3	3	3	3	2	2	3	3	3	2	3	2	2	2	2	3
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3	4	3	4	3	3
17	3	3	3	3	3	2	1	1	2	2	1	1	2	2	2	2	3	2	3	4	3	3	3	3	2
18	3	3	2	3	3	4	4	4	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
19	4	3	2	2	2	3	4	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3
20	3	3	3	3	3	3	4	3	4	-	3	3	3	4	4	5	5	4	4	4	3	3	3	3	3
21	2	2	1	1	0	2	2	2	2	2	1	1	1	1	1	2	2	3	3	3	3	2	2	2	2
22	2	2	0	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	3	4	4	4	4	4	5	2
24	4	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	2	2	2	2	2	2
25	2	2	1	1	1	1	2	3	3	3	3	3	2	2	3	3	3	3	3	4	4	4	4	4	3
26	3	3	3	3	2	2	3	4	4	4	3	3	2	2	2	3	3	3	4	4	4	4	4	4	3
27	4	3	3	2	2	3	4	4	4	3	3	3	2	2	2	3	3	4	4	5	4	5	5	5	3
28	4	4	4	4	4	4	4	4	4	4	4	3	2	3	3	4	4	5	5	5	4	4	4	4	4
29	4	3	3	3	3	4	****	4	3	3	3	3	3	3	4	5	6	6	6	6	5	5	5	5	4
30	5	5	5	5	5	4	4	4	4	4	4	4	4	5	6	6	6	6	6	6	5	5	6	5	5
31	5	5	5	5	4	4	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	3
MEAN	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	4	4	4	4	4	4	3	3.1

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	4	4	5	4	3	2	2	2	2	2	3	4	5	4	5	4	4	4	3
2	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	4	5	5	5	4	4	5	4	4	5
3	4	4	3	4	4	4	4	5	5	5	6	6	5	4	4	4	4	5	5	5	5	6	7	6	5
4	5	5	5	3	3	3	4	5	6	7	5	4	5	4	4	4	5	4	4	4	3	3	4	4	4
5	3	3	3	3	4	4	3	3	4	4	5	4	3	3	3	3	4	4	5	5	4	4	4	4	4
6	3	3	4	3	3	2	3	3	2	3	3	2	2	2	2	2	3	4	4	5	5	4	4	3	3
7	3	3	2	2	2	2	1	1	1	1	1	1	2	2	2	2	3	2	3	3	3	3	3	3	2
8	3	2	2	2	2	2	3	4	4	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	3
9	4	4	3	3	4	4	4	4	3	4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4
10	4	4	4	4	3	3	3	3	4	-	3	2	2	3	3	3	3	3	3	3	4	4	3	3	3
11	2	3	3	2	2	2	3	4	4	3	3	3	2	3	4	3	3	4	4	4	4	4	4	4	3
12	4	4	3	3	3	4	4	5	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	3	4
13	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	3
14	4	3	3	3	2	2	3	3	3	2	2	1	1	2	1	2	3	3	3	4	5	5	5	5	3
15	4	4	4	4	3	4	4	4	4	5	7	9	6	3	3	3	3	4	5	5	5	5	5	5	5
16	5	5	4	4	4	4	4	4	6	7	4	4	5	4	4	4	3	4	5	6	6	6	6	7	5
17	7	6	6	5	5	5	5	6	5	5	5	5	5	5	5	6	5	5	5	5	5	4	5	4	3
18	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	5	4	4	3	3	4	3
19	4	4	4	3	3	3	3	4	4	4	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
20	3	3	2	2	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	3	4	3	3	3	3
21	3	4	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	2	3	3	3	2	2	3
22	2	1	1	1	1	1	2	3	3	3	3	2	2	3	3	3	4	3	2	2	2	2	2	2	2
23	2	2	2	1	1	1	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2
24	2	2	2	2	1	2	3	3	3	4	4	3	2	3	3	3	4	4	4	4	4	4	4	4	3
25	4	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	4	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2	5	5	5	5	4	4	4	4
28	3	3	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
29	1	1	1	1	1	1	1	2	3	2	2	2	1	2	2	2	2	3	3	3	3	3	3	3	2
30	3	3	2	2	2	3	3	3	3	3	2	2	2	2	3	3	3	4	3	3	3	3	4	3	3
MEAN	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3.3

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO												MONTH - DEC 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	-	5	5	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4
2	4	4	3	3	3	3	3	4	3	3	2	2	2	2	2	2	2	3	3	4	4	4	4	4	3
3	4	4	3	3	3	3	4	5	7	6	6	5	5	6	5	4	4	5	5	5	5	5	3	3	5
4	3	3	4	4	4	4	4	4	3	4	4	5	4	4	4	4	4	5	5	5	4	4	4	4	4
5	4	4	3	3	3	3	3	3	2	2	2	2	2	2	3	3	4	5	5	5	5	4	4	5	3
6	5	4	4	4	4	2	2	3	3	3	3	3	4	4	4	5	5	5	4	4	4	3	3	4	4
7	3	3	3	3	3	3	4	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3
8	2	2	2	3	2	2	3	4	4	5	5	5	5	4	4	5	5	5	4	5	4	4	3	3	4
9	2	3	2	3	2	2	2	3	4	4	3	4	6	6	5	***	5	5	4	4	4	4	4	4	4
10	4	4	4	3	3	4	4	4	4	4	3	3	4	4	4	4	4	4	4	3	3	3	2	2	4
11	2	2	1	1	2	2	2	3	3	2	2	2	3	2	2	2	3	3	3	3	4	4	3	3	2
12	3	4	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	2	2	1	3
13	1	1	1	1	1	1	2	2	3	3	2	2	3	3	4	***	4	4	4	4	4	4	4	4	3
14	4	4	3	3	3	3	3	3	3	3	2	2	3	3	3	3	4	5	4	3	3	3	3	3	3
15	3	3	4	4	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4	4	4	5	7	7	4
16	6	4	4	4	4	4	3	4	3	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4
17	4	4	3	3	4	4	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	2	3
18	2	2	1	1	1	1	2	2	2	2	1	2	2	2	3	4	4	4	4	4	3	3	3	4	2
19	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	6	6	7	6	5	4
20	5	4	4	4	3	3	3	3	3	4	4	4	3	***	2	2	2	2	2	2	2	2	2	2	3
21	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	3	3	3	3	3	3	2
22	3	3	3	3	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	3	3	2	3	3	3	3	2	2	2	2	2	2	2	3	4	3	3	3	2	2	2	3
24	2	2	2	1	2	2	3	3	3	3	2	2	2	3	3	3	3	3	3	3	2	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	4	4	4	4	3	3	3	3
26	3	2	2	1	2	2	2	4	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
27	2	2	2	1	1	2	2	2	3	3	3	3	2	3	3	3	3	3	3	4	4	4	4	4	3
28	4	3	2	2	3	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3
29	4	4	4	3	4	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	4	4	4	4	4	4	4	3
31	4	4	4	3	3	3	3	3	3	3	3	2	3	4	4	3	4	4	4	4	3	3	4	4	3
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3.2

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.8	4	6
FEB	29	2.9	6	8
MAR	31	3.3	5	8
APR	30	3.7	8	11
MAY	31	3.4	6	10
JUN	30	3.8	6	13
JUL	27	3.0	5	10
AUG	31	3.1	6	14
SEP	30	3.1	7	13
OCT	31	3.1	6	9
NOV	28	3.3	5	9
DEC	31	3.2	5	7
YEAR	360	3.2	8	14

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	52	556	132	0	0	0	0	740
FEB	78	430	171	10	0	0	0	689
MAR	75	346	292	13	0	0	0	726
APR	70	323	232	88	4	0	0	717
MAY	80	343	258	46	0	0	0	727
JUN	48	331	278	59	2	0	0	718
JUL	105	346	202	13	0	0	0	666
AUG	111	380	223	24	1	1	0	740
SEP	107	381	190	39	2	0	0	719
OCT	66	414	248	9	0	0	0	737
NOV	32	379	270	7	0	0	0	688
DEC	28	446	262	4	0	0	0	740
YEAR	852	4675	2758	312	9	1	0	8607

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	FREQUENCY 50	CONCENTRATIONS DISTRIBUTION 70	90	PERCENT 95	98	99	MAX	ARITH MEAN
98.0	0	1.0	1.8	2.5	3.3	4.8	5.7	6.9	7.7	14	3.2



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 330D2 PHARMACY AND 401, SCARBOROUGH													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	6	5	4	4	4	5	4	4	3	3	3	3	4	4	3	3	4	5	5	5	4
2	6	6	7	6	6	6	6	6	5	5	3	3	2	2	2	2	2	3	3	4	5	5	4	4	4
3	4	4	3	3	3	4	5	4	4	3	3	3	3	2	2	3	3	3	3	3	3	3	2	2	3
4	2	3	3	2	3	5	5	5	5	5	4	4	5	4	4	3	4	4	4	5	5	5	5	5	4
5	6	6	6	6	6	6	5	4	3	6	8	8	8	7	6	6	6	6	6	6	6	6	6	6	6
6	6	6	6	6	6	6	6	6	6	6	6	6	5	4	4	4	4	6	6	5	6	7	7	7	6
7	7	6	5	5	5	4	4	5	5	6	6	6	6	5	4	3	2	3	3	3	4	4	4	5	4
8	6	6	7	7	8	8	7	5	5	5	6	8	9	8	7	6	4	4	6	5	6	7	8	7	6
9	5	5	6	7	5	5	5	5	4	5	4	3	3	3	3	3	3	4	4	5	5	7	7	7	5
10	7	7	6	6	7	6	6	7	6	6	6	6	4	4	4	4	4	5	6	7	7	6	6	6	6
11	6	6	6	6	6	5	3	3	4	5	5	5	4	4	4	4	4	4	4	4	4	5	6	6	5
12	6	6	6	6	6	6	5	5	4	5	5	7	8	8	10	10	8	8	7	6	5	6	6	4	6
13	4	5	5	5	5	5	5	5	7	7	7	7	6	***	6	6	6	4	4	4	5	5	5	4	5
14	4	4	***	5	6	7	5	6	6	5	6	6	-	-	-	-	-	-	-	-	-	-	-	-	*****
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	7	5	6	6	5	5	6	*****
16	5	5	5	4	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	4	5	6	4	4
17	5	5	5	5	5	5	5	5	5	4	5	5	6	5	5	5	5	5	4	5	5	5	5	6	5
18	5	5	5	5	5	5	5	5	5	5	5	6	6	4	5	6	6	7	7	7	6	6	7	7	6
19	7	7	7	7	7	7	7	6	6	6	5	4	4	3	4	4	4	5	5	5	5	4	4	4	5
20	4	4	4	5	6	6	6	5	5	5	4	4	4	4	3	3	3	4	4	4	4	4	6	7	5
21	6	6	6	6	6	5	4	5	5	4	4	3	****	3	4	4	6	6	6	6	5	4	4	4	5
22	3	3	4	5	5	5	5	4	4	5	5	5	6	4	4	4	5	4	4	4	5	5	5	4	5
23	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	4	5	5	5	5	5	6	7	7	4
24	8	8	7	5	6	7	7	7	7	7	5	5	5	6	7	6	6	6	6	6	6	6	7	7	6
25	7	6	6	7	8	8	8	7	7	6	5	5	6	5	5	4	4	4	5	4	3	2	2	3	5
26	3	4	4	5	5	5	5	5	5	5	5	5	5	5	6	5	4	3	2	3	3	3	3	3	4
27	3	4	4	4	5	5	5	5	5	7	5	5	4	4	3	3	4	4	4	4	5	6	6	6	5
28	6	7	7	7	8	7	5	4	4	5	4	3	3	3	4	3	4	5	5	5	4	6	5	5	5
29	5	7	7	8	7	8	8	7	5	4	3	3	4	3	***	3	3	4	5	5	5	5	6	6	5
30	6	6	6	6	7	8	6	5	4	4	5	5	5	6	5	5	4	4	4	4	5	5	6	5	5
31	6	7	6	7	8	9	8	7	6	8	8	7	6	5	4	6	7	7	6	7	8	6	5	4	7
MEAN	5	5	5	6	6	6	5	5	5	5	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5.0

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C ND 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	4	4	4	5	5	6	6	6	6	5	4	4	4	5	4	3	3	3	3	4
2	4	4	4	4	3	3	4	4	3	4	4	5	4	4	4	5	4	3	3	4	4	4	4	3	4
3	4	3	4	5	5	6	7	7	7	7	5	4	5	3	3	4	5	4	5	5	5	5	5	5	5
4	5	5	5	5	5	5	4	4	3	3	3	3	3	***	4	4	4	5	5	4	6	8	9	9	5
5	9	11	13	14	13	8	7	5	3	6	8	10	10	6	5	5	4	4	5	7	5	6	6	5	7
6	6	6	7	7	7	8	6	4	4	5	6	5	6	7	6	4	4	4	5	6	7	7	4	4	6
7	4	4	4	4	5	6	5	5	6	8	8	8	7	5	4	3	4	5	4	4	3	2	2	2	5
8	3	4	4	4	4	5	7	7	7	6	5	5	4	4	4	4	4	4	5	6	6	6	7	7	5
9	7	7	7	7	7	7	6	4	5	8	9	10	***	6	6	5	5	5	6	6	6	8	9	8	7
10	5	4	4	4	5	5	4	5	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7	6
11	6	5	4	4	4	4	5	4	3	4	4	5	4	4	3	4	4	4	4	4	4	3	4	5	4
12	4	4	4	5	6	6	8	8	8	7	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5
13	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	3	4	4	4	5	4	4	4
14	4	4	5	6	7	7	7	7	6	6	5	5	5	5	5	4	5	4	4	7	8	7	8	8	6
15	7	7	7	5	3	2	2	3	3	4	3	3	4	4	4	3	4	4	5	5	5	5	5	5	4
16	4	4	4	4	3	4	3	3	3	2	2	***	3	3	3	4	3	3	3	3	3	2	4	4	3
17	4	3	3	2	2	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	5	6	6	4
18	5	5	5	4	4	4	3	3	3	3	2	3	3	4	4	4	4	5	4	4	5	5	5	4	4
19	3	3	3	3	3	3	3	4	4	4	4	3	3	3	4	5	3	3	4	3	4	3	5	6	4
20	5	6	7	8	7	7	6	4	4	5	6	7	7	***	4	5	4	5	5	5	5	5	5	6	6
21	7	6	4	4	5	6	6	5	6	5	6	6	6	6	6	6	5	3	3	5	4	4	4	4	5
22	5	5	5	5	3	2	2	3	3	2	2	2	3	3	3	4	4	3	3	3	3	4	5	6	3
23	7	6	6	6	6	7	6	4	5	6	6	6	7	***	4	4	4	3	5	5	3	4	3	4	5
24	5	6	5	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4	5	5	5	5
25	6	6	6	6	6	6	6	5	6	7	7	5	***	***	6	7	8	8	8	9	9	8	7	8	7
26	8	8	8	7	7	7	6	4	6	8	8	8	8	8	8	8	8	6	6	6	6	7	7	7	7
27	6	6	6	5	5	4	5	4	4	4	4	4	4	5	4	4	4	4	5	5	4	4	3	3	4
28	3	4	4	6	6	5	5	4	4	4	4	4	4	4	4	5	5	4	4	6	8	6	6	5	5
29	4	4	4	3	3	3	3	3	4	4	4	4	5	5	5	7	6	6	5	4	4	4	4	4	4
MEAN	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	4.9

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33002

PHARMACY AND 401, SCARBOROUGH

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	6	5	4	4	5	4	5	3	3	4	4	4	4	4	4	4	4	6	6	4
2	5	5	5	6	6	6	5	5	6	5	4	5	6	7	7	7	6	6	5	4	5	6	6	7	6
3	7	8	7	6	4	3	4	4	4	6	5	4	4	****	****	3	3	3	4	3	3	3	4	5	4
4	6	5	5	5	4	4	3	3	3	3	3	3	3	3	4	5	5	4	3	3	3	3	3	3	4
5	3	3	4	4	4	4	3	4	4	5	5	5	5	5	5	5	7	8	5	4	4	4	5	4	5
6	4	4	4	4	4	5	6	5	4	4	4	4	5	4	3	3	3	3	4	6	7	8	8	7	5
7	5	5	4	4	4	3	3	4	4	4	4	4	5	4	4	4	4	4	4	4	4	5	4	5	4
8	6	5	4	3	5	7	7	5	5	6	7	8	****	****	5	5	5	5	5	5	5	6	7	9	6
9	8	7	8	8	8	7	7	9	8	5	4	4	4	5	5	4	4	5	5	5	5	4	5	4	6
10	4	4	4	4	5	6	6	5	5	5	5	4	****	5	5	5	5	5	5	4	5	5	5	5	5
11	4	4	4	4	4	4	3	3	3	3	4	4	3	4	4	4	4	4	3	4	4	4	5	6	4
12	5	4	4	4	4	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	3
13	3	3	3	3	3	2	2	3	3	3	3	4	4	3	4	3	3	3	3	3	3	3	4	3	3
14	4	4	6	7	5	4	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
15	4	4	4	3	3	4	4	5	4	4	3	4	4	4	4	4	4	3	4	4	4	4	6	5	4
16	4	4	4	4	4	4	5	3	3	3	3	4	4	****	4	5	7	5	6	5	5	5	6	5	5
17	5	5	4	4	3	3	4	4	5	4	4	4	4	3	3	4	5	4	4	4	5	6	7	8	4
18	10	11	12	12	8	8	10	10	8	6	6	5	5	5	5	4	5	5	6	6	9	7	6	6	7
19	4	4	6	9	7	6	6	6	6	6	5	****	****	5	6	7	8	8	7	9	8	8	8	8	7
20	6	6	6	6	6	5	5	6	6	6	7	7	8	9	10	10	11	11	10	10	9	9	9	8	8
21	8	8	7	7	7	7	8	8	7	6	6	6	6	6	5	5	5	4	4	4	4	4	5	6	6
22	7	8	9	10	11	10	8	9	5	5	4	5	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	5	5	6	6	6	6	6	6	6	****
24	5	6	6	5	5	5	5	5	5	5	6	6	6	6	****	4	4	4	5	6	5	4	5	4	5
25	3	2	2	4	3	3	4	5	5	****	****	6	6	****	7	6	6	6	5	5	5	5	4	4	5
26	4	5	5	5	5	7	7	5	4	4	4	4	4	****	4	5	5	6	6	6	6	7	7	5	5
27	8	7	6	5	5	5	5	5	5	6	6	6	5	5	5	5	6	5	5	3	3	3	3	3	5
28	4	3	3	2	2	3	3	3	3	3	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4
29	6	6	7	7	5	5	4	4	3	2	3	3	3	4	4	4	4	3	4	3	2	2	3	3	4
30	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	****	5	5	5	5	6	6	5	6	4
31	5	5	4	4	4	4	4	4	4	4	4	4	****	5	5	5	5	5	4	4	4	4	4	4	4
MEAN	5	5	5	5	5	5	5	5	5	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	4.8

PERCENTAGE OF DATA VALID - 94.6

PERCENTAGE OF DATA INVALID - 5.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33002

PHARMACY AND 401, SCARBOROUGH

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	5	4	5	5	5	5	5	5	4
2	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4
3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	6	6	6	5	5	5	5	5	5	5	4
4	4	4	4	3	3	3	3	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	4	3	3	3	3	4	5	5	5	5	5	****	****	5	5	6	7	6	7	6	6	6	6	6	5
6	5	5	5	5	5	5	4	4	4	5	6	6	6	6	5	5	5	5	5	5	5	5	4	4	5
7	4	4	4	4	4	5	4	4	4	4	5	5	4	4	****	5	5	5	5	5	4	4	4	4	4
8	3	3	3	3	3	3	2	3	3	4	4	4	4	5	5	****	5	4	4	4	4	3	3	3	4
9	3	3	3	3	3	4	4	3	3	4	4	5	****	****	5	7	6	7	8	7	5	6	6	5	5
10	6	5	4	4	4	4	4	4	5	5	5	6	7	7	7	7	7	8	7	6	6	6	6	6	6
11	6	5	0	3	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3
12	4	5	5	5	4	4	4	4	4	4	4	5	****	4	5	6	5	7	5	5	5	4	4	4	5
13	4	5	5	4	4	4	4	5	5	5	6	7	6	6	6	7	6	6	7	6	6	7	7	7	6
14	7	7	6	6	6	6	5	5	8	11	12	11	9	7	****	4	5	6	7	6	6	8	8	7	7
15	7	8	8	6	5	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	3	3	3	3	3	3	3	****
28	2	2	2	3	3	4	4	4	3	4	4	4	4	5	5	5	4	5	4	4	4	4	4	4	4
29	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	4	4	4	4	4	4	4	5	5	3	2	2	1	1	1	1	1	2	3	4	4	3	4	6	3
MEAN	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4.5

PERCENTAGE OF DATA VALID - 57.9

PERCENTAGE OF DATA INVALID - 41.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	3	3	3	3	4	5	5	4	4	3	4	2	1	2	2	3	3	2	5	4	3	3
2	4	3	4	3	2	2	2	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	2
3	0	0	0	0	0	1	3	3	3	3	****	****	****	4	3	4	3	3	4	2	4	3	3	3	2
4	3	2	2	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	4	4	3	3	3
5	3	4	3	3	3	3	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2	4	4	3
6	5	14	3	3	3	3	4	3	3	4	3	3	4	****	4	4	4	3	3	3	4	9	4	8	4
7	14	7	3	3	3	3	3	4	3	3	3	3	4	3	4	4	4	4	4	4	3	4	3	5	4
8	4	3	3	4	3	3	7	4	4	3	4	4	3	4	3	4	4	4	4	4	3	3	4	4	4
9	4	4	3	2	2	3	3	3	3	3	3	3	2	0	4	5	5	4	4	6	6	5	5	4	4
10	5	5	5	4	4	4	5	4	5	4	3	3	3	2	5	5	4	2	3	3	5	6	6	5	4
11	4	5	3	4	5	5	6	6	6	7	7	****	5	4	4	3	3	3	2	2	2	2	2	2	4
12	2	2	2	2	3	2	2	2	2	2	3	3	4	****	4	4	4	0	4	4	4	4	4	3	3
13	4	4	4	3	3	3	4	4	4	4	3	4	3	2	2	2	2	2	4	5	3	3	5	6	3
14	5	4	4	4	3	4	4	5	5	5	6	5	4	4	4	4	4	3	2	3	3	3	3	2	4
15	3	3	3	3	3	3	4	3	4	5	4	3	3	1	2	3	3	1	1	4	3	4	2	2	3
16	1	0	0	0	****	0	0	0	0	1	1	1	1	2	3	3	3	2	2	4	3	3	4	3	2
17	3	3	3	2	1	2	3	3	3	3	2	2	1	2	4	3	3	2	2	1	1	2	1	2	2
18	2	2	2	****	4	6	2	4	4	1	5	3	1	3	3	3	3	3	3	2	2	2	2	2	3
19	2	2	1	****	****	****	1	1	1	1	2	2	2	2	1	2	2	2	3	2	3	2	2	2	2
20	3	2	2	2	2	2	2	1	****	2	3	0	3	4	4	4	4	3	3	3	2	3	4	3	3
21	4	3	3	3	2	2	2	2	3	2	****	3	2	2	2	1	2	1	1	1	1	1	1	1	2
22	2	1	1	2	2	1	1	0	0	0	0	****	2	1	2	2	2	2	2	2	1	2	2	2	1
23	2	1	1	1	2	1	1	1	2	1	1	1	1	0	0	2	2	2	2	2	2	2	2	2	1
24	2	2	1	1	2	1	1	1	1	2	1	1	1	1	1	2	3	3	3	1	2	1	1	2	2
25	4	****	****	2	2	****	1	0	0	1	1	0	2	1	2	1	4	3	2	2	1	1	2	2	2
26	2	1	1	1	1	1	1	3	3	3	5	4	2	3	4	4	4	4	4	3	3	3	2	2	3
27	2	2	3	2	2	2	2	2	3	3	3	****	****	****	5	4	5	4	7	7	7	7	7	7	4
28	7	6	6	8	7	7	9	9	6	4	3	3	4	3	4	4	5	6	8	8	6	7	7	5	6
29	6	8	10	9	8	7	4	3	5	4	4	4	4	2	2	2	7	7	5	5	4	5	8	8	5
30	7	8	5	6	6	5	5	4	3	3	3	2	5	4	5	4	3	3	4	6	4	4	5	3	4
31	2	2	2	3	3	6	6	6	6	5	5	4	5	4	5	5	6	7	8	6	7	7	6	5	5
MEAN	4	4	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	4	4	3	3.2

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	4	4	5	5	5	5	5	5	5	5	5	6	8	9	8	10	8	8	9	8	6
2	6	6	6	6	6	6	6	6	5	3	2	3	****	****	2	2	2	2	2	4	5	8	8	7	5
3	6	6	5	5	6	7	7	9	9	8	8	9	****	****	7	6	6	7	6	7	7	9	9	6	7
4	7	6	5	5	6	6	7	6	6	3	3	3	3	2	2	2	2	2	2	5	10	10	9	10	5
5	9	7	5	6	6	6	8	9	9	2	3	2	3	2	1	2	4	2	3	5	8	7	9	9	5
6	7	7	7	7	7	7	6	7	8	8	9	10	9	9	8	9	9	9	8	8	8	8	7	8	8
7	6	4	4	6	6	8	9	10	10	10	9	10	9	10	11	10	11	11	11	11	11	11	11	10	9
8	8	7	8	6	8	10	12	12	12	12	11	11	11	****	10	11	12	11	10	10	10	10	10	9	10
9	9	7	8	7	8	9	8	10	11	11	9	5	5	4	3	4	4	4	5	5	9	10	16	13	8
10	14	12	10	7	7	7	8	9	10	9	7	****	3	2	4	5	5	4	5	6	8	8	5	5	7
11	4	3	2	3	3	9	7	8	8	6	8	4	6	8	8	7	7	7	7	5	5	4	4	4	6
12	3	3	3	3	4	5	4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2
13	3	5	1	0	0	1	1	1	2	2	3	2	1	2	1	1	2	4	3	3	2	3	5	2	2
14	1	1	2	3	5	4	6	6	6	5	4	4	3	3	4	4	3	2	3	4	9	11	10	9	5
15	6	6	8	5	4	5	9	9	7	7	3	3	2	2	3	3	3	3	5	3	2	2	2	2	4
16	2	2	2	2	1	2	5	5	5	5	5	3	4	****	4	4	5	5	5	5	4	4	5	4	4
17	4	3	2	3	3	3	4	5	5	5	****	5	3	5	6	5	5	5	6	5	7	8	9	8	5
18	5	5	6	6	6	7	7	6	2	2	2	2	2	****	3	2	2	2	2	3	2	3	4	4	3
19	4	3	2	3	5	4	3	2	2	2	3	3	2	3	3	3	4	4	3	4	3	4	4	4	3
20	4	3	3	2	2	3	3	3	4	4	5	5	5	5	5	6	7	6	7	8	8	5	4	3	5
21	4	4	4	4	5	6	5	4	3	2	4	4	****	****	****	3	2	3	2	2	4	7	5	5	4
22	4	3	3	3	3	3	5	4	6	6	5	4	****	4	3	3	2	4	3	6	9	10	10	7	5
23	8	8	6	6	6	8	9	10	9	2	1	1	1	2	1	2	2	2	1	2	2	9	8	7	5
24	7	6	5	3	5	6	6	7	6	6	****	7	8	6	4	5	3	3	2	2	1	1	1	2	4
25	4	4	4	3	4	5	6	5	4	6	4	3	6	8	6	8	7	6	7	6	5	5	4	4	5
26	3	4	4	3	3	2	3	4	4	2	2	3	3	2	3	2	3	6	5	4	4	4	5	5	3
27	5	4	4	3	3	4	3	4	3	5	5	6	6	2	2	2	2	2	2	4	7	4	4	4	4
28	4	4	4	4	7	7	7	6	5	5	6	5	7	6	7	6	7	5	5	4	4	4	2	2	5
29	2	3	4	3	3	4	5	7	6	5	4	3	3	4	6	7	9	10	13	14	10	10	11	8	6
30	6	5	5	4	6	3	4	3	5	2	2	3	3	2	2	2	2	2	1	2	2	2	2	4	3
MEAN	5	5	5	4	5	5	6	6	6	5	5	4	4	4	4	4	5	5	5	5	6	6	6	6	5.1

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	2	1	1	1	1	1	1	2	7	7	5	6	6	5	4	3	3	3	3	3	2	3
2	1	1	1	1	1	3	3	3	3	3	3	3	***	3	4	4	5	4	4	3	4	4	3	2	3
3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	3	3	4	3	3
4	3	3	3	2	2	2	3	3	4	5	5	3	2	2	2	2	2	4	5	5	7	8	4	4	4
5	3	3	3	3	3	4	5	5	6	6	8	9	6	6	6	4	5	6	7	9	11	7	4	4	6
6	4	4	4	4	4	4	4	5	6	9	9	6	5	4	2	2	2	7	8	9	9	8	8	5	6
7	6	8	6	6	4	5	6	8	8	9	8	5	6	***	3	3	5	6	6	8	7	7	7	7	6
8	7	6	5	4	3	2	4	6	7	6	6	6	5	5	5	5	5	5	5	4	4	4	4	4	5
9	3	3	3	3	3	3	5	5	6	6	4	5	6	6	3	3	3	4	4	4	5	6	6	7	4
10	6	5	5	5	5	5	5	5	5	4	3	2	2	2	3	3	3	4	5	4	3	4	4	6	4
11	4	5	5	2	3	4	5	5	6	6	7	6	2	2	5	6	6	5	6	6	6	5	5	4	5
12	3	2	2	2	1	2	2	3	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3
13	3	3	3	3	3	4	5	5	5	5	5	5	4	4	5	5	5	5	5	4	4	4	4	4	4
14	4	4	3	3	3	3	4	5	4	5	5	5	4	***	4	4	4	4	5	4	4	5	4	5	4
15	5	5	5	5	5	4	4	4	3	2	2	2	1	3	3	2	2	2	3	3	3	4	7	3	3
16	7	7	6	6	6	5	6	6	6	8	10	8	7	7	5	6	5	4	4	4	4	3	3	3	6
17	3	3	3	3	2	3	3	3	4	4	4	4	3	3	2	3	3	3	3	4	4	4	4	3	3
18	3	3	3	2	2	3	3	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	3
19	3	3	3	4	3	3	5	5	6	6	5	5	3	3	3	4	4	5	4	5	6	6	3	3	4
20	2	2	2	2	3	4	5	5	5	5	4	4	4	4	5	6	5	3	4	6	4	3	6	6	4
21	5	4	3	3	4	4	5	4	4	5	4	1	1	1	1	2	2	1	2	3	5	5	4	3	3
22	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	3	3	2	2	2
23	3	2	2	2	3	4	3	3	3	4	4	5	5	5	5	5	4	3	3	6	6	4	5	7	4
24	6	5	5	4	4	4	4	4	4	4	4	4	5	5	6	6	6	5	5	5	4	5	5	5	5
25	4	4	4	3	3	3	4	4	5	5	5	5	5	4	3	3	4	5	6	6	8	7	7	7	5
26	6	5	4	4	4	4	4	5	5	4	4	4	2	***	3	3	2	3	3	4	4	3	3	3	4
27	4	4	3	4	4	5	6	6	6	5	5	5	6	6	6	6	7	6	5	5	6	5	6	5	5
28	4	3	4	4	4	4	6	4	2	2	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	- DATA INVALID -																								
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	2	3	3	3	3	5	7	7	6	***
31	6	6	6	5	5	5	5	5	5	5	4	4	5	6	5	7	5	4	3	3	3	2	3	3	5
MEAN	4	4	3	3	3	3	4	4	4	5	5	4	4	4	4	4	4	4	4	5	5	5	5	4	4.1

PERCENTAGE OF DATA VALID - 92.6

PERCENTAGE OF DATA INVALID - 7.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4
2	3	3	2	2	2	3	3	3	3	4	4	4	4	4	5	5	6	6	5	5	5	5	4	4	4
3	4	4	4	3	3	3	3	4	5	4	4	5	3	***	3	3	4	4	4	4	5	5	5	5	4
4	3	3	2	3	3	3	4	4	5	7	5	4	3	2	3	2	3	2	3	3	4	6	5	6	7
5	5	3	4	5	4	6	6	5	5	4	3	3	2	***	5	5	3	3	4	5	8	7	5	4	5
6	3	2	2	2	3	3	4	3	4	4	5	5	6	5	5	5	6	5	3	4	4	4	5	3	4
7	3	3	3	3	3	3	3	4	5	5	5	5	5	5	5	5	2	2	3	5	5	5	5	4	4
8	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	3	3	3	3
9	2	2	2	2	2	3	3	3	3	3	3	3	4	***	5	5	5	5	5	4	4	3	3	3	3
10	3	3	3	3	3	4	6	6	6	7	6	6	5	6	6	7	6	7	6	7	6	5	5	5	5
11	6	5	4	4	3	4	4	4	5	6	6	5	***	3	3	3	3	4	4	6	6	6	8	6	5
12	4	4	3	2	3	3	6	6	6	6	4	4	5	6	4	4	3	4	7	7	6	5	6	6	5
13	5	3	3	3	3	3	5	5	6	5	4	4	5	***	***	8	7	6	7	6	6	6	5	5	5
14	5	4	3	3	3	3	3	3	3	3	2	2	2	2	2	6	5	5	5	4	4	4	3	6	4
15	4	3	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4
16	3	3	3	3	3	4	4	5	4	4	4	5	***	5	5	6	5	5	5	6	5	4	4	4	4
17	3	3	3	3	3	5	5	6	6	6	6	6	6	6	5	5	4	4	5	5	5	4	4	4	5
18	3	3	3	3	3	4	5	5	5	5	5	4	3	4	3	3	4	3	4	5	8	7	7	7	4
19	5	5	4	4	5	6	6	4	3	3	3	2	2	3	3	3	2	3	4	7	7	6	5	8	4
20	7	6	5	5	5	6	6	7	8	6	7	6	5	3	***	3	4	6	7	11	10	9	11	9	7
21	9	8	6	6	4	4	7	6	10	12	10	7	7	4	4	3	4	4	5	6	8	8	11	10	7
22	11	10	9	8	7	8	9	9	5	4	6	7	4	5	5	5	9	8	8	11	10	11	10	9	8
23	9	7	6	5	6	8	8	7	6	6	6	5	5	***	5	4	4	5	5	5	5	4	3	2	5
24	2	2	2	3	3	3	4	4	2	3	5	5	2	2	2	1	1	1	2	3	4	5	5	4	3
25	4	4	4	4	4	4	8	9	7	9	12	8	6	3	2	3	3	3	3	6	7	8	8	8	6
26	7	5	5	5	5	6	8	10	10	10	4	5	4	4	5	5	4	3	4	5	4	4	4	6	6
27	4	6	4	3	3	4	4	5	4	4	***	***	***	***	7	5	4	4	4	4	4	6	5	4	4
28	4	2	2	2	2	3	3	2	3	3	3	3	2	2	2	5	8	4	6	5	4	5	4	4	3
29	4	4	2	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	2	2	3
30	2	2	2	2	2	3	4	4	4	4	4	4	5	4	5	4	3	4	4	4	4	4	3	3	4
31	3	3	3	3	3	3	4	5	5	5	4	4	4	***	3	3	3	4	4	4	4	4	4	4	4
MEAN	4	4	3	3	3	4	5	5	5	5	5	4	4	4	4	4	4	4	5	5	6	5	5	5	4.4

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	4	4	4	5	5	5	5	5	4	4	4	****	5	4	4	4	4	4	4	3	3	3	4
2	2	1	1	2	1	2	3	3	3	4	4	4	4	3	2	2	2	2	3	4	4	3	3	3	3
3	5	4	4	4	4	5	5	5	3	2	2	2	2	****	3	4	4	4	5	6	4	4	4	3	4
4	3	1	1	1	1	1	1	2	2	2	2	1	1	5	3	4	4	5	4	4	3	3	3	3	2
5	2	2	2	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	3	2	2	2	2	3	2	3	3	4	4	4	4	4	4	3	4	5	4	4	4	4	3	3
7	4	3	3	3	3	3	4	5	6	4	4	4	4	****	5	5	5	6	7	7	5	5	6	6	5
8	6	6	6	6	5	6	7	8	8	8	5	3	2	3	3	3	3	3	4	4	6	11	11	11	6
9	3	4	5	6	5	5	6	4	3	3	3	3	****	2	4	3	3	3	4	6	8	7	6	6	5
10	4	2	2	2	2	3	3	3	4	4	4	2	3	3	3	3	3	3	4	3	3	3	2	1	3
11	1	1	1	1	1	2	2	3	3	3	4	4	3	3	4	4	4	4	5	5	4	4	3	4	3
12	3	4	4	4	4	3	3	3	4	4	4	6	4	3	5	6	7	8	7	8	8	7	7	7	5
13	7	6	5	5	4	6	6	8	9	8	5	4	4	2	3	3	3	3	6	6	4	4	5	6	5
14	4	4	5	6	6	6	7	8	10	15	15	12	5	3	4	4	5	6	8	9	8	8	7	4	7
15	4	6	6	5	5	7	8	8	7	8	8	9	9	7	****	9	9	5	7	8	9	9	9	6	7
16	3	3	3	3	2	4	5	4	2	2	3	2	2	2	2	2	5	5	6	6	6	6	5	4	4
17	5	4	3	4	4	5	5	5	6	4	4	4	5	5	4	5	4	4	5	4	4	4	4	4	4
18	4	4	4	3	3	4	5	5	5	5	5	5	6	6	6	6	6	5	5	5	5	4	4	4	5
19	4	4	3	3	3	4	4	5	5	6	6	3	4	3	3	6	6	6	6	6	6	6	6	5	5
20	4	4	3	3	4	3	5	5	5	5	6	5	3	3	3	3	3	3	3	3	3	3	3	3	4
21	3	2	2	2	2	2	4	5	5	4	3	2	2	2	3	3	4	5	4	4	4	4	4	3	3
22	2	2	2	1	1	1	2	2	2	2	2	1	2	2	3	3	3	3	2	2	3	3	3	3	2
23	3	3	3	2	3	3	3	3	3	3	3	2	4	4	4	5	4	4	5	4	3	3	3	3	3
24	3	3	2	2	2	3	3	3	4	4	4	4	6	6	5	4	4	5	5	5	5	4	4	4	4
25	3	3	3	3	3	4	4	3	3	4	5	4	2	2	1	2	5	4	3	2	1	1	1	1	3
26	1	1	3	3	3	3	3	3	3	2	2	2	2	2	3	7	6	6	5	4	4	4	4	3	3
27	3	2	2	3	3	4	5	5	5	6	5	4	4	4	5	5	6	6	5	6	4	3	3	3	4
28	3	2	2	2	2	3	4	4	4	4	4	4	4	3	3	4	4	4	5	4	4	4	4	3	4
29	3	3	3	2	2	3	3	3	3	3	3	3	2	3	4	3	4	4	5	5	6	6	6	6	4
30	5	5	4	4	4	4	6	5	4	3	1	1	1	1	2	7	3	3	5	5	6	6	5	5	4
MEAN	4	3	3	3	3	4	4	4	4	4	4	4	3	3	4	4	4	4	5	5	5	5	5	4	4.0

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	4	4	5	8	8	6	5	2	2	2	2	3	3	3	4	7	6	6	5	6	6	5
2	6	5	4	4	5	5	5	6	8	5	5	4	3	4	2	2	2	4	6	6	7	9	8	7	5
3	8	6	6	5	4	4	5	5	4	5	5	5	2	2	1	1	1	2	4	6	6	6	5	5	4
4	4	4	4	4	4	5	8	5	3	2	2	***	2	2	2	2	2	4	5	6	6	6	6	5	4
5	4	5	5	5	4	4	4	4	3	3	2	2	3	3	2	2	3	3	5	6	7	7	6	4	4
6	3	2	2	2	2	3	5	5	4	3	2	2	3	3	3	5	4	4	4	4	3	3	3	2	3
7	2	2	2	2	2	3	3	4	4	4	4	4	-	3	3	4	4	4	4	4	4	3	3	3	3
8	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	2	3
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
10	3	3	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	5	4	4	4	4	3
11	4	4	3	3	3	3	3	4	4	3	3	3	2	2	2	2	1	2	3	4	3	4	4	4	3
12	3	3	4	4	4	5	5	5	5	3	4	3	3	3	3	3	3	4	5	5	4	5	5	5	4
13	5	4	3	3	3	4	4	4	5	5	5	5	4	***	4	5	5	4	4	4	4	4	3	3	4
14	2	2	2	2	2	2	2	2	3	2	2	3	***	3	3	3	4	4	4	4	3	3	4	4	3
15	2	1	2	3	3	3	4	4	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	2	3
16	2	2	2	1	1	2	2	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4
18	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4
19	3	3	2	3	3	3	4	4	4	3	3	3	3	4	3	3	4	4	4	4	3	3	3	3	3
20	3	3	3	2	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	4	3	3	3	3	3
21	2	2	2	2	3	3	3	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	2	2	3
22	2	1	1	1	1	2	3	4	4	3	2	3	3	3	3	3	2	2	3	3	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	5	5	5	5	4	3	3
24	5	4	3	3	2	1	1	2	2	2	3	3	3	3	3	3	3	3	3	2	2	3	2	2	3
25	3	3	3	2	2	3	3	4	3	4	3	***	3	3	3	4	4	4	4	3	3	4	4	4	3
26	3	3	3	3	3	3	4	4	3	3	3	4	4	4	3	4	4	4	4	4	4	4	4	4	4
27	3	3	3	3	3	4	5	5	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	4
28	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3
29	3	3	3	2	2	2	2	2	3	3	3	3	4	***	5	5	6	5	6	5	4	4	4	4	4
30	5	5	4	4	4	4	4	4	4	4	4	5	6	5	5	5	5	5	5	5	4	5	5	4	5
31	5	4	4	4	3	3	3	2	2	2	2	2	3	3	3	3	3	4	4	3	3	3	3	4	3
MEAN	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3.5

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - D.D1 PARTS/MILLION

STATION - C NO 33002

PHARMACY AND 401, SCARBOROUGH

MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	5	5	5	4	4	4	4	4	4	5	5	5	5	4	4	4	3	4
2	4	5	5	5	4	5	5	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4
3	3	3	4	3	3	3	3	3	4	4	5	5	5	4	3	3	3	4	4	5	5	5	5	7	4
4	6	4	4	4	4	4	4	5	6	5	4	3	4	3	3	3	4	4	4	4	3	3	3	3	4
5	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	4	4	4	4	4	3	3	3	3	3
6	3	3	3	3	2	2	2	2	2	2	2	2	3	3	2	3	3	3	3	4	4	4	4	3	3
7	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3
8	3	3	2	2	3	3	4	4	4	4	3	3	5	5	4	5	5	5	4	4	4	4	4	3	4
9	4	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3
10	4	3	3	3	3	3	2	3	3	4	3	3	4	4	4	4	4	5	5	4	4	4	4	4	4
11	4	4	3	3	3	4	4	5	5	5	5	5	4	4	4	3	4	4	4	4	4	4	4	4	4
12	4	3	3	3	3	4	4	4	5	5	4	4	4	4	4	5	5	4	4	4	3	3	3	3	4
13	3	3	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3
14	3	3	2	1	1	1	1	1	1	1	2	2	2	3	2	2	3	3	3	3	3	4	4	4	2
15	4	3	3	3	3	3	3	4	4	5	5	4	4	***	4	5	5	5	6	5	4	4	4	4	4
16	4	4	4	3	3	3	3	4	4	4	5	4	5	3	4	4	5	5	5	5	5	5	5	5	4
17	6	5	5	4	4	5	5	5	5	5	5	5	5	4	4	5	5	5	4	4	3	4	4	3	5
18	3	3	2	2	2	2	2	2	3	3	3	3	4	4	4	4	3	3	4	4	2	2	2	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	2	2	3	3
20	3	3	3	3	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	2	2	3
22	2	1	1	1	2	3	3	4	4	4	3	***	4	4	4	4	4	4	3	2	2	2	2	2	3
23	2	1	1	1	1	1	D	1	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2
24	1	2	2	1	1	1	2	3	3	3	3	3	3	3	3	4	3	4	3	3	3	3	3	3	3
25	3	3	2	2	2	2	2	3	3	3	4	3	3	3	3	4	4	3	3	3	3	3	3	3	3
26	3	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4
27	4	4	4	3	3	2	2	2	2	2	3	3	2	2	3	4	3	3	4	3	3	3	3	3	3
28	3	3	3	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3
29	3	3	3	3	3	3	3	4	4	4	3	3	3	3	2	3	3	3	3	3	3	3	3	2	3
30	2	2	2	2	2	2	3	3	3	3	2	2	3	2	3	4	4	4	3	3	3	3	3	3	3
MEAN	3	3	3	3	3	3	3	3	4	4	3	3	4	3	3	4	4	4	4	4	4	4	3	3	3.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - D.3

PERCENTAGE OF DATA UNAVAILABLE - D.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - D.01 PARTS/MILLION

STATION - C NO 33002

PHARMACY AND 401, SCARBOROUGH

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	3	3	4	4	4	4	5	3	3	3	4	4	4	4	4	4	4	4	4	4
2	4	3	3	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4	4
3	4	4	4	3	4	4	4	5	6	8	8	6	5	5	5	4	4	4	4	5	5	5	5	4	5
4	3	3	3	2	1	1	2	3	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	3
5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	4	5	4	4
6	5	5	5	5	6	5	3	3	3	3	2	2	2	2	3	4	4	5	4	5	5	3	3	3	4
7	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	3	4
8	4	4	3	3	3	3	4	5	6	6	5	5	6	***	5	6	4	4	4	4	4	3	3	3	4
9	3	4	4	3	3	3	5	6	5	5	5	5	5	5	5	6	4	5	5	5	5	3	2	3	4
10	3	3	3	4	4	4	5	5	4	4	3	3	3	***	3	3	3	3	3	3	3	3	3	3	3
11	4	3	3	3	3	2	2	3	4	4	4	3	2	4	3	3	4	4	4	4	4	4	3	3	3
12	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	4	3
13	2	3	2	2	2	3	4	4	4	5	4	5	5	5	5	7	8	8	6	9	5	5	5	5	5
14	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3
15	3	3	4	3	3	3	3	3	3	4	3	4	***	4	4	5	5	6	6	7	8	10	9	9	5
16	6	5	5	4	5	4	4	3	4	4	4	3	4	5	5	4	4	4	4	4	4	5	4	4	4
17	4	4	4	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	4	4	4	4	4	4	4
18	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	4	4	3	3	3	3	3	3
19	5	5	6	5	5	4	5	5	5	5	4	4	4	4	4	5	6	7	8	8	8	8	6	5	6
20	4	4	4	4	3	3	2	2	3	3	4	5	5	3	3	3	3	3	3	3	3	3	3	3	3
21	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22	4	4	4	4	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	3	4	4	4	4	4	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	4	4	4	4	4	4	4	4	3
26	3	3	3	3	2	2	3	3	3	3	4	4	3	3	3	4	4	4	4	5	4	4	4	4	3
27	4	3	3	2	2	3	3	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4
28	4	3	3	3	3	2	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	4
29	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	5	6	7	8	8	8	6	5	6
30	3	3	3	3	3	3	3	3	4	4	4	4	3	4	4	4	4	4	4	4	4	4	5	4	4
31	4	4	4	4	4	3	3	3	3	3	4	***	4	4	4	4	4	4	4	4	4	3	3	3	4
MEAN	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - D.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	5.0	7	10
FEB	29	4.9	7	14
MAR	29	4.8	8	12
APR	17	4.5	7	12
MAY	31	3.2	6	14
JUN	30	5.1	10	16
JUL	28	4.1	6	11
AUG	31	4.4	8	12
SEP	30	4.0	7	15
OCT	31	3.5	5	9
NOV	30	3.4	5	7
DEC	31	3.8	6	10
YEAR	346	4.2	10	16

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	0	101	507	105	0	0	0	713
FEB	0	114	467	104	3	1	0	689
MAR	0	147	463	88	6	0	0	704
APR	6	79	297	32	3	0	0	417
MAY	115	340	230	37	0	2	0	724
JUN	34	201	271	172	25	3	0	706
JUL	27	236	377	48	1	0	0	689
AUG	5	250	392	75	8	0	0	730
SEP	36	280	346	47	4	2	0	715
OCT	13	400	313	12	0	0	0	738
NOV	21	391	305	1	0	0	0	718
DEC	2	326	393	17	0	0	0	738
YEAR	259	2865	4361	738	50	8	0	8281

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.3	0	1.7	2.7	3.5	4.3	6.0	7.1	8.5	9.6	16	4.2

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003

LAWRENCE/KENNECOY SCARBOROUGH

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1
2	1	1	1	1	1	1	1	0	0	0	0	****	-	-	-	-	1	2	2	2	2	3	2	2	1
3	2	2	2	2	2	1	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
5	1	1	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	****
6	1	1	1	1	1	1	1	1	1	1	1	1	****	****	****	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1
8	1	1	1	1	1	1	2	2	2	1	1	2	2	****	1	1	1	1	1	1	1	1	1	1	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
12	2	2	2	1	1	1	1	3	2	2	3	3	4	4	3	3	3	3	2	2	2	2	1	1	2
13	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	2	1	1	1	1	1	1	1	1	2
14	1	1	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
15	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	1
16	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	1	0	0	0	-	-	3	3	3	3	3	3	3	3	1
21	3	3	3	2	3	2	2	3	3	3	2	2	3	3	2	2	2	2	2	2	1	1	1	1	2
22	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	1	0	1	****	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	2
25	4	4	4	4	4	4	3	3	3	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	2
26	2	2	2	2	2	3	3	4	4	4	3	3	3	3	****	4	4	3	4	3	3	3	3	2	3
27	2	2	1	1	1	2	4	4	5	4	3	4	4	4	4	4	4	5	4	4	4	4	4	3	3
28	3	3	2	2	2	3	3	3	3	3	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	1	1	2	2	2	2	1	1	****	1	1	1	2	2	2	2	2	2	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1
31	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1	2	2	2	2	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003

LAWRENCE/KENNEDY SCARBOROUGH

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	1	0	0	1	1	1	1	1	1	1	0	1	1	-	0	0	1	0	0	0	0	1	1
5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
6	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	0	1	1
11	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
16	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
18	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	5	3	3	3	4	3	2	****
19	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
20	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
21	2	1	1	5	3	3	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	0	0	1	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	1	2	2	2	2	2	2	****	5	6	6	6	7	8	8	8	8	8	6	5	5	5
26	6	6	6	6	6	6	5	6	6	5	5	4	4	4	4	4	4	4	4	4	3	3	3	3	5
27	3	3	2	1	1	1	2	2	2	2	1	1	4	4	4	4	4	3	3	3	3	2	1	1	2
28	1	1	1	2	2	1	1	1	2	2	2	2	2	2	1	2	1	1	1	1	2	1	1	1	1
29	2	2	1	1	1	1	2	2	2	2	3	3	4	3	3	3	3	3	3	2	2	2	5	4	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003	LAWRENCE/KENNEOY SCARBOROUGH																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	2	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1
2	1	1	1	0	0	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
3	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
5	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	2	2	1	1	1	1	1	1
6	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
8	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0
9	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	2	2	3	1
13	3	3	2	2	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	0	1	2	3	3	4	3	3	3	3	3	3	3	3	2	2	2	2	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
17	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0
19	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	5	6	6	6	6	5	4	4	3
20	4	3	3	2	2	2	2	2	1	1	2	2	3	2	2	2	3	3	2	2	2	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
23	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	5	5	4	3	4	3
25	2	1	1	1	1	2	3	3	4	3	2	2	2	2	1	2	2	2	2	3	2	2	4	4
26	4	4	4	3	3	3	3	3	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	- DATA INVALID -																							
28	- DATA INVALID -																							
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	****
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	3	5	4
31	4	3	2	2	2	2	2	2	3	3	3	3	3	4	2	2	2	2	3	4	4	4	4	3
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 89.5

PERCENTAGE OF DATA INVALID - 10.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003	LAWRENCE/KENNEDY SCARBOROUGH																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	2	2	1	1	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
2	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	1	1	1	1
4	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2
9	1	1	0	1	1	1	2	2	2	1	1	****	4	4	4	5	5	6	6	5	4	4	3	3
10	4	4	3	2	2	2	2	2	2	2	2	5	6	4	3	4	3	3	3	4	3	3	2	2
11	2	2	1	1	1	0	0	1	1	1	1	2	2	2	2	2	1	1	2	2	2	4	3	2
12	2	2	1	1	1	2	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	5	5	5	5	5	3
14	4	4	4	4	3	3	4	4	4	5	5	3	3	3	2	2	2	2	3	3	3	2	2	3
15	2	2	2	2	1	1	2	2	3	3	3	3	3	3	4	4	5	6	6	6	5	4	3	2
16	2	3	3	2	1	1	2	3	3	2	2	2	2	2	2	2	2	3	3	4	4	3	3	3
17	3	3	2	2	2	2	2	1	2	2	3	2	2	2	2	2	1	2	2	9	7	7	7	3
18	6	7	7	6	6	6	6	6	5	4	4	3	2	2	2	2	2	2	4	5	5	4	3	4
19	2	2	3	3	2	2	3	3	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2
20	1	1	1	0	0	0	1	2	2	2	3	2	2	1	2	2	2	2	2	2	2	1	1	1
21	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	2	1	1	1
23	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
25	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
28	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
30	0	0	1	1	1	0	0	0	1	1	0	0	3	4	4	3	4	4	4	5	5	3	2	2
MEAN	2	2	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33D03

LAWRENCE/KENNEDY SCARBOROUGH

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	3	3	2	5	3	3	4	3	2	2	2	2	2	2	2	4	6	5	5	5	4	3
2	5	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	3	2	2	2	1	3
3	1	1	1	1	1	2	5	3	3	3	3	2	2	3	3	3	3	3	3	3	2	2	2	2	2
4	1	1	1	1	1	2	3	3	2	2	2	2	2	2	-	***	4	5	5	5	4	5	4	4	3
5	3	3	3	2	2	3	4	4	4	4	4	5	4	3	3	3	3	3	3	3	3	2	2	1	3
6	1	1	1	1	1	3	4	4	3	2	2	2	***	2	2	2	3	3	2	1	2	2	2	2	2
7	1	1	1	1	1	2	3	2	2	2	2	3	3	3	3	3	4	3	4	3	3	3	4	4	3
8	4	3	2	2	2	2	3	3	3	3	2	3	3	2	2	3	3	2	3	4	4	4	4	5	3
9	5	4	3	4	4	3	3	3	3	3	3	3	2	3	3	2	2	2	2	3	4	4	4	4	3
10	4	4	3	4	3	3	3	2	5	5	4	3	4	***	4	5	5	3	4	4	4	3	3	2	4
11	3	1	1	1	1	3	3	3	4	4	3	3	3	2	2	2	2	1	1	1	1	1	1	0	2
12	0	1	0	0	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1
13	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1
14	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	3	3	3	2
15	3	3	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	1
17	2	1	1	1	1	1	2	2	1	1	1	1	***	1	1	2	2	1	1	1	1	1	1	1	0
18	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	0	0	0	1	1	1	1	1	1	1	0	***	1	1	1	1	1	1	1	1	1	1	1
20	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1
23	-	-	-	-	-	-	-	-	-	-	-	-	***	2	2	2	2	3	2	3	3	3	3	3	*****
24	2	2	1	1	2	2	1	1	1	2	1	2	2	2	2	2	3	4	4	3	2	2	2	3	2
25	4	3	3	3	2	2	2	2	1	1	1	***	1	1	1	1	1	1	1	3	2	2	2	2	2
26	2	2	1	1	2	2	2	3	2	1	1	1	2	3	3	3	4	3	3	3	3	3	3	2	2
27	4	4	3	3	3	3	4	4	4	4	4	7	7	6	6	6	7	5	7	6	6	6	6	5	5
28	5	5	4	4	4	4	4	4	5	3	2	***	-	3	1	2	5	2	1	2	2	1	1	1	3
29	2	4	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
30	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
31	1	3	1	1	1	2	3	4	3	2	2	2	2	2	3	4	3	3	4	5	5	5	4	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2.0

PERCENTAGE OF OATA VALID - 97.0

PERCENTAGE OF OATA INVALID - 1.1

PERCENTAGE OF OATA UNAVAILABLE - 1.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003

LAWRENCE/KENNEDY SCARBOROUGH

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	2	2	2	2	2	2	2	2	3	4	3	4	6	7	7	6	5	5	5	5	3
2	4	4	4	4	3	3	3	2	2	1	1	1	1	1	2	3	1	2	3	4	4	5	5	5	3
3	4	5	4	4	5	4	6	6	6	4	11	12	7	7	5	5	6	5	5	5	6	6	6	5	6
4	5	4	4	4	3	4	4	3	2	2	1	***	1	1	1	1	1	1	1	4	6	6	6	6	3
5	5	5	5	4	4	5	5	3	3	1	1	1	1	1	1	1	2	4	4	5	5	5	4	3	3
6	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2	3	2
7	3	1	3	3	4	5	7	7	5	5	5	5	4	4	5	6	5	5	7	7	7	7	6	5	5
8	3	3	2	2	2	5	5	5	6	4	3	***	2	5	5	5	4	5	6	5	5	5	4	5	4
9	4	2	1	1	2	3	3	3	2	3	3	3	2	2	1	1	1	1	1	1	1	2	3	3	2
10	3	3	3	2	2	2	3	3	3	2	2	1	1	1	2	3	2	2	2	2	2	2	2	2	2
11	2	1	1	1	1	1	2	2	2	2	2	***	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	1	0	0	0	***	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
14	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	1
15	2	2	1	1	1	2	2	2	2	2	1	2	***	2	1	1	1	1	1	1	1	1	1	1	1
16	1	0	1	1	1	1	15	6	6	4	4	5	5	5	5	5	5	5	4	4	4	4	4	3	4
17	2	1	1	1	1	2	3	3	2	2	2	2	3	***	***	6	6	5	6	6	5	5	5	5	3
18	5	4	4	4	3	3	3	2	1	1	1	4	1	1	1	2	1	2	2	2	2	2	2	2	2
19	1	2	2	2	2	2	3	3	2	2	3	3	8	6	***	3	3	3	2	3	2	3	3	2	3
20	3	2	1	1	1	1	1	1	2	1	1	1	1	1	2	2	3	2	4	4	4	4	3	2	2
21	1	1	1	1	1	1	2	1	1	1	***	2	1	1	1	1	1	1	1	1	2	4	3	4	1
22	3	3	2	3	2	3	3	4	6	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	- OATA INVALID -																								
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	5	7	7	5	5	3	1	1	1	1	*****
25	1	1	1	1	2	2	3	2	2	2	3	5	5	4	4	5	5	4	5	5	6	5	4	3	3
26	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	4	3	4	3	3	2
27	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	0	1	1	1	1	1	1	1	5	5	5	7	8	7	3	3	2	2	2	1	1	3
29	1	1	1	1	1	2	2	3	3	1	2	2	1	3	3	5	7	8	9	8	6	5	5	4	4
30	3	2	2	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
MEAN	3	2	2	2	2	2	3	3	2	2	2	3	2	2	2	3	3	3	3	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 91.5

PERCENTAGE OF OATA INVALID - 8.5

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION													
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - JUL 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	2	1	2	2	1	1	1	1	2	2	2	1	2	2	2	1	1	2	1	1	1	
2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	1	1	1	
5	1	1	1	1	1	1	1	1	1	1	1	1	****	5	4	8	7	8	10	12	12	10	7	7	4	
6	4	3	3	3	4	4	5	4	7	12	9	6	6	4	4	6	3	4	5	2	3	4	2	1	5	
7	1	1	4	4	6	6	7	7	6	5	4	3	2	2	2	3	3	3	3	3	3	3	3	3	4	
8	3	2	2	2	1	2	2	2	2	1	2	2	1	1	1	1	1	2	2	2	1	1	1	1	2	
9	1	1	1	1	1	1	1	1	1	1	1	****	4	4	3	2	2	2	2	3	2	2	2	1	2	
10	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	
13	0	0	0	0	0	1	1	1	1	1	1	3	3	2	3	2	2	2	2	2	2	2	3	2	2	
14	2	1	1	1	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	1	2	1	1	2	2	1	1	2	
16	2	2	2	2	2	2	2	2	3	3	3	***	2	2	1	1	1	1	1	2	1	1	1	1	2	
17	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
19	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	1	1	1	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
24														- DATA INVALID -												
25														- DATA INVALID -												
26	***	***	***	***	***	***	***	***	***	***	***	***	3	4	4	4	5	4	3	3	3	2	2	2	1	***
27	1	1	1	1	1	1	2	2	1	2	1	1	1	1	2	2	1	1	1	1	1	2	2	2	1	
28	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	
30	0	0	0	0	1	0	0	1	1	0	***	***	***	4	3	3	5	3	3	4	4	4	4	3	2	
31	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1.4	

PERCENTAGE OF DATA VALID - 85.5

PERCENTAGE OF DATA INVALID - 14.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33003 LAWRENCE/KENNEY SCARBOROUGH													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	1	1	1	1	1	1	1	1	1	0	-	-	-	-	-	-	-	-	-	-	-	-	*****
5												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
6												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
7												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
8												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
9												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
10												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
11												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
12												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
13												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
14												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
15												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
16												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
17												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
18												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
19												-	DATA UNAVAILABLE	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	3	3	4	5	5	5	5	6	5	6	6	6	*****
21	5	5	4	3	2	3	4	4	4	3	3	3	3	2	2	2	2	3	4	5	6	6	6	6	4
22	6	5	4	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	5	5	5	5	5	3
23	5	4	3	1	1	2	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	2	2	2	1	1	1	0	***	1	1	1	1	1	1	1	0	1	1	1	1
25	0	0	0	0	1	0	0	0	0	0	0	0	4	5	5	6	6	5	5	6	6	7	7	7	3
26	7	7	6	5	5	6	6	6	11	6	6	6	6	***	7	8	8	5	3	3	3	5	5	5	6
27	6	5	4	4	4	4	5	5	5	5	6	5	4	5	5	4	4	5	6	6	6	6	4	3	5
28	3	2	2	2	2	2	3	3	4	4	4	3	3	3	3	4	***	***	***	***	***	***	***	***	3
29												-	DATA INVALID	-	-	-	-	-	-	-	-	-	-	-	-
30	***	***	***	***	***	***	***	***	***	***	***	4	4	4	4	3	4	4	4	4	5	3	3	3	3
31	3	3	3	3	2	3	4	5	5	6	5	5	5	4	4	4	5	5	5	5	6	6	6	6	5
MEAN	3	3	2	2	2	2	2	3	3	2	3	2	3	3	3	3	3	3	3	4	3	4	4	4	2.8

PERCENTAGE OF DATA VALID - 42.3

PERCENTAGE OF DATA INVALID - 6.0

PERCENTAGE OF DATA UNAVAILABLE - 51.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003

LAWRENCE/KENNEDY SCARBOROUGH

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	4	4	5	6	6	5	5	4	4	4	4	4	4	3	3	3	3	3	2	2	2	4
2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	3	4	4	4	2
3	4	3	3	3	3	3	3	3	4	4	3	4	5	4	4	5	5	5	6	6	6	5	5	4	4
4	2	2	2	2	2	3	4	4	4	4	4	4	5	4	4	3	3	4	5	4	3	3	3	2	3
5	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	5	4	4	3	3	3
7	3	3	3	3	3	3	4	4	5	6	6	6	5	6	6	6	7	7	9	9	6	6	8	8	6
8	7	7	7	6	6	6	6	7	8	6	5	3	3	2	2	3	3	4	4	4	4	8	8	5	5
9	4	3	2	3	3	3	4	5	4	3	3	2	2	2	2	3	3	3	3	4	7	8	8	7	4
10	6	3	1	1	1	3	4	4	4	3	3	2	2	2	2	2	2	2	4	4	5	2	2	4	3
11	8	1	0	0	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
12	3	3	2	2	2	3	3	3	3	4	5	6	5	4	4	3	3	4	6	6	7	7	6	6	4
13	6	6	5	5	6	6	6	7	8	10	11	6	6	5	4	5	5	5	6	6	6	6	5	5	6
14	4	4	5	5	4	4	4	5	5	7	7	***	6	5	5	6	7	7	9	9	9	7	6	4	6
15	5	5	5	5	5	6	6	6	6	4	2	2	2	2	2	3	3	4	5	5	8	8	7	5	5
16	2	1	1	1	1	2	3	3	3	2	2	2	1	1	1	2	2	2	4	3	4	4	4	4	2
17	3	2	1	1	1	2	3	3	3	***	1	2	2	2	1	2	3	3	2	2	2	3	3	2	2
18	2	3	2	1	1	2	3	3	3	2	3	4	4	3	4	4	4	4	4	4	3	3	3	3	3
19	3	3	2	1	1	1	2	2	3	3	3	4	***	3	3	3	3	4	6	5	5	5	5	3	3
20	4	4	3	2	2	2	3	5	5	5	5	4	2	2	2	2	2	2	2	2	2	2	2	2	3
21	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	4	4	4	3	3	4	3	3	2	3
22	2	2	2	2	2	2	2	2	2	2	2	2	***	2	2	3	3	3	3	3	3	3	3	4	2
23	4	4	2	3	4	4	3	3	5	4	5	4	3	3	3	3	3	3	3	3	3	3	3	2	3
24	2	2	2	2	3	2	1	2	3	3	3	3	3	4	4	4	5	4	4	4	4	4	4	3	3
25	4	4	4	4	4	4	4	4	5	5	6	7	6	5	7	8	7	7	5	4	3	3	3	3	5
26	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	6	5	5	4	5	4	4	2	3
27	2	2	1	2	3	4	4	4	4	3	3	3	3	***	5	5	6	6	7	5	5	3	3	4	4
28	2	2	1	2	2	3	3	3	2	3	2	3	4	4	5	6	6	6	6	5	5	5	4	4	4
29	4	4	4	4	4	4	4	5	5	5	5	5	5	5	***	***	***	***	***	***	12	10	11	10	6
30	9	8	6	5	5	5	5	5	4	1	1	1	1	2	2	3	2	3	6	7	7	6	6	6	4
MEAN	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	4	4	4	5	5	5	5	4	4	3.6

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003

LAWRENCE/KENNEDY SCARBOROUGH

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	6	6	6	5	7	7	3	3	3	***	3	3	4	4	6	8	7	7	6	6	6	5
2	6	6	6	6	6	6	6	7	7	3	4	3	4	3	2	3	3	6	10	9	9	10	9	9	6
3	9	8	8	3	3	3	5	5	2	2	2	2	2	1	2	2	2	3	5	8	7	7	7	6	4
4	6	5	6	5	5	6	7	6	3	2	2	2	***	2	2	2	3	3	5	6	8	6	6	5	4
5	5	7	7	6	5	5	5	5	4	5	***	3	5	5	5	6	6	7	9	9	16	17	15	9	7
6	7	8	5	4	5	10	14	14	9	8	10	8	7	***	4	7	7	6	6	4	3	3	3	2	7
7	1	1	1	1	2	3	4	3	4	3	3	4	4	4	3	4	4	4	4	4	3	3	3	3	3
8	2	2	2	1	1	2	3	2	3	2	2	***	2	2	3	3	3	3	2	2	2	2	2	2	2
9	3	2	1	1	2	2	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3	3	3	3	3
10	4	3	3	2	1	1	2	3	2	1	2	3	3	3	3	3	3	3	4	5	5	4	4	4	3
11	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	4	5	5	4	4	2	3
12	3	2	4	5	5	4	5	4	4	4	5	5	6	5	6	7	6	7	7	6	6	6	6	5	5
13	4	4	4	4	4	6	7	6	6	6	4	***	***	4	4	5	4	4	4	4	3	3	3	2	4
14	1	1	1	1	2	2	3	3	3	2	2	2	2	2	3	3	3	4	4	4	4	4	4	3	3
15	2	1	2	3	3	4	5	5	5	4	4	4	4	4	4	4	5	5	5	4	3	3	3	4	4
16	4	3	2	2	2	2	3	3	3	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	3
17	3	3	3	4	3	3	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	3
18	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	5	4	4
19	3	1	2	1	2	3	4	4	3	3	***	3	3	3	2	3	***	***	4	4	4	4	3	3	3
20	2	2	2	3	4	3	4	4	4	4	3	3	3	5	5	5	5	5	5	4	4	4	3	3	4
21	2	2	2	2	2	4	4	5	5	4	4	4	5	5	5	5	5	5	5	4	4	3	3	3	4
22	3	2	2	2	3	4	4	***	***	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
23	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	5	5	5	5	5	5	4	3	3
24	4	3	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	1	2
25	1	1	1	1	1	2	3	2	2	2	2	2	3	3	2	3	2	3	3	3	3	3	4	3	2
26	4	3	2	2	2	3	3	3	2	2	2	2	2	2	***	3	3	3	4	3	3	3	3	3	3
27	2	2	2	2	2	3	4	4	3	2	2	2	3	3	4	4	4	4	5	4	4	4	5	4	3
28	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4
29	4	3	2	3	3	3	3	3	3	3	3	4	4	4	4	5	6	6	6	5	5	5	5	5	4
30	5	5	5	5	4	4	5	4	4	5	5	6	6	6	6	6	5	5	5	5	5	5	5	4	5
31	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
MEAN	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	4	4	4	5	5	5	5	4	4	3.8

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	3	4	4	3	3	3	4	****	4	4	4	5	4	4	4	4	4	4	3
2	4	5	4	4	5	5	5	5	4	4	4	4	5	****	4	5	5	5	5	5	5	5	4	4	5
3	4	5	4	4	4	4	4	4	4	5	6	7	5	5	4	5	5	4	4	4	3	4	4	4	4
4	4	3	3	3	3	4	4	4	4	3	3	3	3	****	4	4	4	4	4	4	4	4	4	4	4
5	4	4	3	4	3	3	3	3	3	3	4	3	4	****	3	3	3	3	3	3	3	3	3	3	3
6	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	3	3	3
7	3	3	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3
8	2	2	1	1	1	2	3	3	3	3	3	3	3	****	3	3	3	3	4	4	4	3	4	4	3
9	4	4	3	3	3	4	4	4	3	3	3	3	3	3	3	****	3	4	4	4	3	4	3	3	3
10	3	3	3	3	3	3	2	2	3	3	3	3	3	****	3	6	3	3	4	4	4	3	3	3	3
11	3	3	3	2	2	3	3	4	3	3	3	3	3	3	4	4	4	4	5	4	4	4	4	4	3
12	4	4	3	3	4	4	4	4	4	4	4	4	4	3	3	3	4	4	4	3	3	3	3	3	4
13	4	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3
14	3	3	3	2	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	3
15	4	4	3	3	3	3	3	3	4	5	5	4	4	4	4	4	4	4	4	5	5	4	4	4	4
16	4	4	4	4	4	4	4	3	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	5
17	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	3	5
18	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	4	4	3
19	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	2	2	2	2	2	2	3
20	3	3	2	1	1	1	1	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3
21	3	3	3	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	2	1	1	1	1	1	2	3	4	3	3	3	3	3	3	4	4	4	4	3	3	3	2	2	3
23	2	1	1	1	1	1	2	3	3	3	3	3	3	3	2	3	3	****	3	3	3	3	3	3	2
24	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	2	2	2	2	2	2	2	3	4	4	4	3	2	3	3	3	3	4	3	3	3	3	3	3
26	3	3	3	3	4	3	4	4	4	4	4	4	4	****	4	4	5	4	5	5	5	5	4	4	4
27	4	4	3	3	2	3	2	3	3	3	3	3	3	2	2	2	2	2	3	3	2	2	2	3	3
28	3	2	2	2	2	2	1	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2
29	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	2	2	3	3	2	2	2	2	2	2
30	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	4	4	4	3	3	3	3	3
MEAN	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3.2

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	4	4	4	4	3	3	4	3	3	4	4	4	4	3	3	3	3	
2	3	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	
3	3	3	2	2	2	3	4	4	4	6	6	4	5	5	5	3	***	4	4	4	4	4	3	2	4
4	2	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	
5	4	3	3	2	2	3	3	3	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	3
6	4	5	5	4	5	4	1	2	2	2	2	2	2	2	***	3	4	5	4	5	4	3	3	3	
7	3	3	3	3	3	3	3	3	3	3	3	2	3	2	3	3	3	3	3	3	3	3	2	3	
8	2	2	1	1	1	2	2	3	4	4	4	4	3	4	4	5	5	4	4	4	4	3	3	3	
9	3	2	2	1	1	1	3	3	4	3	3	3	3	3	***	2	4	4	4	4	3	3	1	2	3
10	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
11	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
12	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	2	2	2	1	3
13	1	0	1	0	1	1	2	3	2	3	3	3	3	***	3	3	4	4	4	4	4	3	4	4	3
14	4	4	3	3	3	2	3	3	3	2	2	2	***	3	3	3	3	4	3	3	3	3	3	3	
15	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	4	4	
16	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	4	4	4	3
17	4	4	4	2	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	
18	2	2	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	
19	4	3	3	3	3	3	4	4	6	4	4	4	4	4	4	5	6	6	6	6	6	5	5	5	4
20	4	4	4	3	3	2	2	3	3	3	3	4	4	2	2	2	2	2	2	2	2	2	2	2	3
21	2	1	1	2	0	1	1	2	3	3	2	3	2	2	2	5	5	5	6	5	6	6	5	5	3
22	5	5	4	4	4	3	4	5	6	6	6	6	***	5	6	7	7	7	6	6	5	5	5	5	
23	5	5	4	4	4	4	4	6	6	5	5	5	5	7	8	8	8	9	8	7	6	5	5	5	6
24	4	4	3	3	3	3	4	7	10	9	8	6	6	6	7	7	7	6	6	5	5	5	6	6	
25	6	6	6	5	6	6	6	6	5	5	5	6	7	7	8	8	8	8	8	7	7	8	7	7	
26	7	6	5	4	3	4	6	5	6	6	6	5	5	6	6	7	8	9	8	7	6	5	4	5	6
27	5	4	3	2	2	2	2	3	4	5	7	8	7	7	8	8	8	8	8	9	8	7	6	10	6
28	6	4	3	3	2	2	2	4	4	4	4	4	5	5	5	6	6	6	6	5	5	6	6	6	5
29	6	6	4	3	3	3	4	8	11	9	10	9	8	7	10	6	6	7	6	5	5	4	4	5	6
30	5	4	4	4	4	4	4	5	7	8	8	8	****	6	6	6	7	7	8	8	8	7	6	5	6
31	5	5	4	4	5	4	4	5	5	****	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
MEAN	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	3.8

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	1.4	3	5
FEB	28	1.1	5	8
MAR	27	1.1	3	6
APR	30	1.7	4	9
MAY	30	2.0	5	7
JUN	27	2.6	6	15
JUL	25	1.4	5	12
AUG	12	2.8	6	11
SEP	30	3.6	6	12
OCT	31	3.8	7	17
NOV	30	3.2	5	7
DEC	31	3.8	7	11
YEAR	331	2.4	7	17

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	458	226	34	0	0	0	0	718
FEB	486	151	37	6	0	0	0	680
MAR	486	144	36	0	0	0	0	666
APR	378	251	76	7	0	0	0	712
MAY	332	284	102	4	0	0	0	722
JUN	260	217	159	20	2	1	0	659
JUL	460	127	35	11	3	0	0	636
AUG	125	72	109	8	1	0	0	315
SEP	56	336	268	47	3	0	0	710
OCT	33	330	321	42	0	5	0	731
NOV	28	432	247	1	0	0	0	708
DEC	36	363	270	65	1	0	0	735
YEAR	3138	2933	1694	211	10	6	0	7992

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.0	0	0.0	0.6	1.6	2.7	4.4	5.4	6.6	7.6	17	2.4

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7	3	3	3	2	2	2	2	2	3	2	3	3	2	1	1	1	2	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	2	3	3	3	3	4	5	2	2	2	2	3	3	3	3	3	3	3	2
9	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	4	4	4	4	4	3
11	4	4	3	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
12	2	2	2	1	1	1	1	2	2	2	2	3	5	5	5	4	4	4	4	4	4	2	2	2	3
13	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	2	3
14	2	2	2	1	1	1	2	3	2	2	2	2	2	2	2	1	2	2	2	2	3	2	2	2	2
15	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	2	2
17	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	4	4	4	4	3	3	2
19	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	4	4	4	3	3	3	3	3
20	3	3	3	3	3	2	2	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2
21	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	4	4	3	2	2	2	2	3
22	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2
23	3	3	3	3	3	3	4	4	5	5	5	6	7	5	4	4	4	4	4	4	3	3	3	3	4
24	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	5	3
25	5	5	5	6	5	5	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3
26	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	3
27	2	1	1	1	1	2	3	5	4	4	4	3	3	3	3	3	4	5	5	5	5	5	5	4	3
28	3	2	2	3	3	2	2	4	4	3	2	2	2	3	3	3	3	3	3	3	2	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	1	1	2	3	3	2	2	3	3	3
30	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	4	4	3
31	4	4	5	5	6	6	7	6	7	8	8	3	3	2	3	3	3	4	4	3	2	2	2	2	4
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 80.6

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 17.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	3	2	2	2	2	3	3	4	4	2	3	1	1	1	1	1	2
2	1	1	1	0	1	1	1	3	3	3	2	1	1	1	1	2	2	3	3	3	3	3	3	3	2
3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	4	4	4	4	4	5	5	5	5	5	4
4	5	4	4	4	4	4	4	3	3	2	2	2	2	2	1	2	2	3	4	4	4	4	4	4	3
5	4	4	4	4	3	4	4	4	4	4	3	3	3	3	3	3	3	4	4	4	4	5	4	4	4
6	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	2	2	3	3	3	3	2	3	3	3
7	3	2	2	1	1	1	2	3	3	3	3	2	2	3	4	2	4	4	4	2	3	3	2	2	3
8	2	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
9	1	1	1	2	2	2	3	4	5	6	7	7	7	7	7	4	3	4	4	5	4	4	3	3	3
10	4	4	3	3	3	3	4	5	4	4	5	5	4	4	5	5	5	6	7	6	4	5	5	5	5
11	3	2	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	2
12	2	2	2	3	2	3	4	4	4	3	3	2	2	1	1	3	4	4	4	4	4	4	4	4	4
13	4	3	3	3	3	4	3	4	3	2	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2
14	2	2	2	3	3	3	4	4	4	2	2	2	2	3	3	4	3	4	4	5	5	4	3	5	3
15	3	4	4	2	2	1	1	2	2	2	3	3	3	4	3	2	3	3	3	3	4	3	2	2	3
16	1	1	1	1	1	2	3	3	3	3	3	3	3	3	4	4	4	3	3	2	2	2	2	2	3
17	2	1	1	1	1	2	3	3	3	2	2	2	2	2	3	3	4	4	3	4	4	4	4	4	3
18	3	2	2	1	1	1	2	3	3	3	2	2	2	3	3	4	4	4	3	3	4	3	2	2	3
19	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
20	1	1	1	1	2	1	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3
21	3	3	3	4	5	5	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	4
22	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2
23	1	1	1	1	1	2	2	4	3	2	2	2	2	3	3	4	3	4	4	4	3	4	4	3	3
24	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	4	4	4	4	5	5	4	4	4	4
25	3	3	3	3	3	3	4	5	8	6	5	5	5	4	5	5	5	6	7	7	8	5	7	4	5
26	4	5	5	4	4	4	4	4	5	6	6	6	6	5	5	6	6	6	6	6	6	6	5	6	5
27	5	5	4	4	3	4	4	5	4	3	2	2	2	2	3	4	4	5	5	4	4	3	3	2	4
28	3	4	4	4	2	1	1	1	1	1	1	1	1	1	1	2	2	2	4	5	4	3	3	2	2
29	2	3	2	2	2	2	2	3	3	3	3	4	4	3	3	3	3	3	2	2	2	2	3	3	3
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	2	3	3	3	3	4	4	4	4	3	3	3	3.0

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 ODN MILLS RO. NORTH YORK

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2
2	2	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2
3	2	2	2	1	2	2	2	2	3	3	3	3	3	3	2	2	3	3	4	3	3	3	3	4	3
4	3	4	4	4	4	3	3	4	4	4	4	2	3	3	3	3	3	3	3	2	2	2	2	2	3
5	3	3	3	3	3	3	3	4	4	4	4	3	4	4	3	2	2	2	2	2	2	2	2	1	1
6	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	4	4	4	3
7	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	3
8	3	1	1	1	0	1	2	2	3	3	2	2	1	1	1	1	1	1	2	2	3	4	5	5	2
9	5	5	4	4	5	5	5	6	3	2	1	2	2	2	2	2	2	3	4	4	5	5	5	5	4
10	5	5	5	4	4	4	4	4	4	3	4	4	4	4	4	4	4	5	5	5	4	3	3	2	4
11	2	3	2	2	2	1	3	4	3	2	1	4	4	1	1	1	1	2	3	4	5	5	5	5	3
12	5	5	5	4	1	1	2	3	2	3	3	4	3	3	3	3	3	4	4	4	4	4	4	4	3
13	4	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	2	3	2
14	3	3	4	4	3	3	2	2	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2
15	2	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	1	2	3	4	4	4	4	4	2
16	4	4	4	3	3	1	3	3	4	3	3	3	3	4	4	3	3	4	5	2	2	2	2	2	3
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	4	4	2
18	4	4	4	4	4	4	5	6	4	3	3	3	3	3	3	3	3	4	4	4	4	5	5	4	4
19	4	3	3	3	3	3	3	4	5	6	4	3	3	4	4	3	4	5	5	6	7	4	4	4	4
20	4	4	4	4	3	3	3	4	3	3	3	3	3	3	3	4	3	5	5	4	3	2	2	2	3
21	2	2	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	1	2	2	2	4	3	3	3	3	3	4	4	4	4	4	4	2
23	4	4	4	4	3	3	3	4	4	4	4	3	2	2	2	2	3	4	4	5	4	5	5	5	4
24	5	4	3	4	3	3	4	4	4	4	4	4	4	4	3	3	3	4	4	4	6	6	3	4	4
25	3	1	1	1	1	2	3	5	5	3	2	1	1	1	1	1	1	2	2	4	3	4	4	4	2
26	4	3	3	3	2	2	3	4	3	2	2	2	2	3	3	4	4	4	5	6	6	5	4	4	4
27	4	4	3	4	3	3	3	3	2	2	3	3	3	4	3	3	4	3	3	2	1	1	1	1	3
28	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	3	4	5	4	4	4	1
29	4	3	3	3	2	2	3	3	3	2	1	1	1	2	2	2	3	3	2	2	2	2	1	1	2
30	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	5	5	5	4	3	2
31	4	3	3	2	2	3	3	3	3	3	4	4	4	4	4	3	3	4	4	4	4	4	4	4	3
MEAN	3	3	3	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	4	3	3	3	2.7

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 ODN MILLS RO. NORTH YORK

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	3	4	4	3	4	3	4	3
2	3	3	3	3	2	2	2	2	3	2	2	1	1	1	1	1	1	2	2	3	3	3	3	3	2
3	2	1	2	2	2	2	2	1	1	1	1	1	1	1	2	2	3	3	3	2	2	2	2	2	2
4	2	2	2	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1	2	2	3	3	3	1
5	3	2	1	2	1	2	2	2	2	2	1	4	4	1	1	1	2	2	3	3	5	6	6	5	3
6	5	4	4	2	2	2	3	3	2	2	2	1	1	1	1	1	1	2	2	2	2	3	3	4	2
7	4	3	3	2	2	2	2	2	2	2	1	1	0	1	1	1	1	1	2	2	2	3	3	3	2
8	3	3	3	2	2	2	2	3	3	2	1	1	4	1	1	1	1	1	1	2	2	2	2	2	2
9	2	2	2	2	2	2	3	3	4	2	1	1	1	2	2	3	4	4	5	6	6	6	5	5	2
10	5	5	5	4	4	4	4	4	4	4	5	3	2	2	2	2	2	2	3	3	2	2	2	2	3
11	2	1	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1
12	2	1	2	1	2	2	2	2	2	1	1	4	4	1	1	1	1	2	2	3	4	4	4	4	2
13	4	4	4	3	2	2	2	4	6	10	10	9	9	7	5	4	4	6	7	7	9	7	8	8	6
14	5	5	4	4	3	4	4	6	10	10	9	9	7	5	4	4	6	7	7	9	7	8	8	6	6
15	8	9	8	6	4	4	5	7	6	6	7	7	7	6	8	8	11	8	8	10	6	4	5	4	7
16	5	5	5	4	3	3	4	4	5	3	2	3	3	2	2	3	5	4	9	7	3	3	3	3	4
17	4	5	3	4	3	3	2	3	3	7	6	4	4	3	2	2	3	4	4	5	7	6	7	6	4
18	5	4	4	3	3	3	3	7	6	5	3	3	3	2	3	3	4	4	4	8	9	7	8	7	5
19	7	6	5	4	4	4	4	6	9	6	6	3	1	1	1	1	1	2	2	3	4	5	5	4	4
20	3	1	1	1	1	1	2	3	2	2	1	1	-	4	4	5	5	6	6	6	7	7	5	5	3
21	4	3	3	3	2	2	2	2	2	2	2	1	3	4	5	6	6	5	4	5	5	5	5	3	4
22	3	3	3	2	2	3	3	4	4	3	2	2	2	2	2	2	2	4	3	4	4	4	4	4	3
23	4	2	1	0	0	1	1	1	1	1	1	1	1	1	1	2	3	4	5	4	3	3	3	3	2
24	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	3	4	4	4	4	4	4	4	2
25	3	3	3	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	1	2	2	2	1	2
26	1	1	1	0	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1
28	1	1	1	1	1	1	2	2	1	1	0	1	1	1	1	1	1	2	1	2	2	2	2	2	1
29	2	2	2	2	2	3	4	4	3	2	1	4	1	1	3	2	2	2	2	2	4	4	3	3	2
30	3	2	2	2	2	2	3	6	5	4	3	3	1	1	1	2	2	2	3	5	5	3	5	4	3
MEAN	3	3	3	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	4	4	4	4	4	2.8

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - C NO 34D02 SC CTR 77D DON MILLS RD, NORTH YORK															MONTH - MAY 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	6	5	4	4	4	4	5	5	5	4	4	4	3	3	4	3	4	5	6	5	6	6	5
2	4	5	5	3	3	3	4	4	3	3	3	2	2	2	2	1	2	3	3	2	2	2	2	1	3
3	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
4	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	3	3	3	4	4	4	3	2
5	3	3	4	3	3	3	5	4	4	4	3	4	3	3	2	2	2	2	2	3	2	2	2	2	2
6	1	1	1	1	1	1	3	3	3	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2
7	2	1	1	1	1	2	3	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	3	3	2
8	3	2	2	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	3	4	3	4	2
9	4	5	5	5	4	3	3	2	3	4	2	2	3	3	2	2	2	1	1	3	4	4	3	3	3
10	3	3	2	2	2	2	3	4	3	3	0	3	3	3	3	5	4	3	3	4	5	6	7	5	3
11	5	3	1	1	1	2	6	6	7	7	6	5	5	4	4	4	3	2	2	2	2	1	1	1	3
12	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	3	4	4	4	4	2
13	3	3	3	3	3	3	4	4	4	5	0	0	3	2	2	2	2	2	5	6	6	4	5	6	3
14	5	****	5	4	4	4	6	6	6	6	6	5	5	5	5	5	5	4	5	4	4	3	3	3	5
15	2	3	2	2	2	2	3	5	5	4	3	3	2	3	2	2	2	2	4	3	3	2	2	2	3
16	2	1	1	1	1	1	1	1	2	2	3	4	3	3	3	3	4	4	5	4	5	5	5	6	3
17	4	4	4	3	2	3	4	5	4	3	3	3	0	0	4	4	5	2	2	2	1	1	1	1	3
18	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	0	2	2	2	2	1
19	2	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	2	4	3	4	2	0	0	5	4	3	1	2	2	2	4	5	4	4	4	3
21	3	0	3	1	1	2	2	1	1	****	1	1	1	1	****	1	1	1	1	2	2	2	3	3	2
22	2	2	2	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	3	3	3	1
23	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
24	2	2	2	2	2	2	2	1	1	1	1	2	1	1	1	2	3	3	4	4	3	2	3	4	2
25	4	3	3	3	2	2	3	2	2	1	1	2	2	2	2	2	3	4	3	4	3	2	3	3	3
26	3	2	2	2	1	1	2	4	5	5	3	2	2	2	2	3	6	5	4	3	3	4	3	3	3
27	2	2	2	1	2	2	2	3	3	2	D	***	5	4	3	3	3	3	4	4	5	4	4	4	3
28	3	2	2	1	1	2	3	7	4	3	2	2	2	2	4	3	3	3	3	4	5	6	4	3	3
29	5	5	3	3	3	3	2	2	3	3	2	2	2	2	2	4	2	2	2	3	3	3	4	5	3
30	4	3	2	2	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2
31	2	1	1	1	1	2	3	3	3	2	2	3	3	3	3	4	3	4	4	3	3	3	3	3	3
MEAN	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - C NO 34D02 SC CTR 770 DON MILLS RD, NORTH YORK															MONTH - JUN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	3	2	2	2	3	3	3	2	3	4	5	7	5	5	4	3	3	3	3
2	2	2	2	3	3	2	3	4	2	1	1	2	1	1	1	1	1	1	2	2	3	3	3	3	2
3	2	2	2	2	2	2	3	4	3	6	9	***	***	3	3	3	3	3	3	3	4	3	3	3	3
4	3	2	2	2	2	2	4	4	2	2	2	2	1	1	1	3	1	1	2	3	4	3	3	3	2
5	3	2	2	2	2	2	3	4	5	2	2	3	2	2	2	2	1	1	2	2	3	3	3	3	2
6	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
7	3	2	2	2	2	2	3	2	1	1	1	***	1	1	1	1	1	1	2	4	6	4	4	4	2
8	3	3	3	3	3	3	5	6	6	3	2	5	4	3	4	2	1	1	1	2	5	4	4	4	3
9	4	3	3	3	4	3	4	5	4	6	5	4	3	2	2	2	2	3	3	4	4	6	6	7	4
10	6	6	5	5	4	4	5	6	6	6	5	4	***	***	3	4	2	2	2	3	3	4	4	5	4
11	4	3	3	2	2	3	5	5	5	6	5	2	1	1	1	1	1	1	1	1	2	2	2	2	3
12	1	1	1	1	1	2	1	D	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1	1
13	2	1	1	1	1	1	2	1	2	2	2	2	2	3	3	3	2	3	5	5	2	5	5	3	2
14	2	1	1	1	1	2	4	4	5	4	***	3	2	2	3	4	4	2	2	2	3	4	5	4	3
15	3	3	3	2	2	3	6	6	8	4	4	3	1	1	2	3	3	3	3	2	2	1	1	1	3
16	1	1	2	2	2	4	4	3	4	3	2	2	3	4	3	4	4	3	4	4	4	4	4	3	3
17	2	2	1	1	1	1	2	2	1	1	***	***	***	***	3	4	3	5	4	3	4	5	4	4	3
18	4	4	3	3	2	3	5	5	3	3	3	3	4	3	3	2	3	6	5	5	5	6	4	3	4
19	4	5	3	3	2	3	4	4	2	2	2	3	3	3	3	3	4	4	2	2	3	3	3	3	3
20	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	7	5	6	6	5	4	4	3
21	3	3	3	3	3	3	4	3	3	1	2	2	3	3	2	2	2	3	3	3	4	4	4	4	3
22	4	3	4	3	3	3	4	5	5	5	6	5	5	4	4	3	2	3	3	3	5	6	6	6	4
23	5	5	5	5	5	6	7	9	6	2	2	3	2	2	2	2	2	3	4	5	4	7	7	6	4
24	6	5	4	3	3	2	5	7	6	6	6	6	***	***	5	5	6	4	4	4	3	3	3	4	5
25	2	2	2	1	2	3	4	4	4	3	4	5	2	2	2	2	3	2	3	5	6	6	5	5	3
26	3	2	2	2	2	2	3	3	3	3	5	4	3	2	1	2	2	3	2	5	5	5	6	7	3
27	5	4	4	3	2	3	3	2	2	2	2	2	1	2	1	2	2	2	3	5	6	3	3	3	3
28	2	2	1	1	1	3	4	4	3	2	3	4	4	5	8	8	8	4	5	5	4	4	5	5	4
29	2	3	2	3	3	4	4	6	7	4	4	5	3	4	3	5	7	9	8	7	7	6	6	5	5
30	4	4	5	4	3	3	5	4	3	3	***	3	2	3	2	2	3	3	3	4	3	3	5	5	3
MEAN	3	3	3	2	2	3	4	4	4	3	3	3	2	2	2	3	3	3	3	4	4	4	4	4	3.1

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION													
STATION - C NO 340D2 5C CTR 770 DON MILLS RD. NORTH YORK														MONTH - JUL 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	5	4	3	3	2	3	3	3	3	3	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3		
2	2	1	1	1	1	1	3	3	3	3	3	4	3	3	3	3	2	3	3	4	3	3	3	3	3		
3	2	2	2	1	1	2	2	2	2	2	2	2	1	2	2	2	3	3	4	3	3	3	4	4	2		
4	2	2	***	***	2	2	2	2	2	2	2	2	1	1	1	2	2	3	3	4	5	5	6	5	3		
5	3	2	2	2	2	2	2	5	6	5	7	***	***	6	6	7	5	4	5	5	7	5	5	5	4		
6	4	3	2	2	1	1	2	6	7	9	7	7	5	3	2	2	2	1	2	4	4	5	5	6	4		
7	5	4	3	3	3	3	3	5	6	6	6	3	4	3	3	2	3	5	6	6	5	5	6	6	4		
8	5	6	6	5	2	3	4	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
9	- DATA INVALID -																										
10	- DATA INVALID -																										
11	- DATA INVALID -																										
12	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	1	1	1	1	***		
13	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1		
14	2	2	2	2	2	2	2	3	3	4	3	3	3	2	2	2	4	5	4	5	5	5	4	4	3		
15	4	3	3	3	2	2	3	4	4	***	2	1	2	2	2	2	2	6	6	7	6	5	5	6	4		
16	4	4	3	4	4	4	4	6	6	6	8	5	3	1	1	1	1	1	1	1	2	2	1	2	3		
17	1	1	1	D	1	1	1	0	0	D	0	0	0	0	0	1	1	1	2	2	2	3	3	3	1		
18	3	3	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	2		
19	3	2	2	2	2	2	4	6	5	***	***	3	3	3	5	4	4	4	5	4	4	2	2	2	3		
20	2	4	3	3	3	4	5	5	5	4	4	3	4	4	4	7	4	3	3	4	3	2	3	4	4		
21	3	1	1	1	1	2	3	3	1	1	1	2	2	1	1	1	1	1	2	2	3	3	3	3	2		
22	2	3	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2		
23	1	1	2	1	2	2	2	4	3	3	3	4	5	3	3	3	3	3	4	5	5	4	3	5	3		
24	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2		
25	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	4	4	4	3	3	2		
26	3	3	2	2	2	2	3	4	3	3	-	2	2	3	3	4	3	2	3	3	***	***	***	***	3		
27	***	***	***	***	***	***	***	***	***	***	1	1	1	2	3	2	1	1	1	3	3	3	3	3	***		
28	2	2	2	2	2	2	3	3	3	3	3	3	2	3	1	2	2	2	3	2	2	2	2	2	2		
29	1	1	0	1	1	1	1	2	2	2	***	2	2	2	3	3	3	3	3	3	3	3	3	3	2		
30	1	1	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
31	- DATA INVALID -																										
MEAN	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	2.6		
PERCENTAGE OF DATA VALID - 77.4														PERCENTAGE OF DATA INVALID - 22.4											PERCENTAGE OF DATA UNAVAILABLE - 0.1		

PERCENTAGE OF DATA VALID - 77.4 PERCENTAGE OF DATA INVALID - 22.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION																					
STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK														MONTH - AUG 76																					
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN										
1																																			
2																																			
3																																			
4																																			
5																																			
6																																			
7																																			
8																																			
9																																			
10																																			
11																																			
12																																			
13																																			
14																																			
15																																			
16																																			
17	****	****	****	****	****	****	****	****	****	****	3	2	2	2	2	2	2	2	4	5	5	5	5	4	*****										
18	4	4	2	3	3	3	4	6	7	7	7	5	3	3	3	4	4	3	4	5	6	6	6	5	4										
19	5	5	4	4	3	3	4	6	8	3	3	2	2	-	2	2	3	3	4	5	4	4	4	4	4										
20	4	4	3	3	3	3	3	5	7	6	6	5	6	4	4	4	5	6	7	6	6	7	7	6	5										
21	6	5	5	4	4	3	4	4	4	3	2	2	3	3	3	2	3	4	5	7	7	5	7	6	4										
22	6	5	5	4	4	3	3	3	3	2	2	3	2	2	2	2	1	2	3	6	8	6	5	5	4										
23	5	4	4	4	4	4	6	6	4	3	2	***	2	2	1	1	2	2	2	3	3	3	3	2	3										
24	2	1	1	1	1	2	3	3	3	2	2	2	3	3	3	2	2	1	2	3	3	3	3	3	2										
25	3	3	2	2	2	2	2	4	9	13	15	8	5	3	3	3	3	3	5	6	5	5	4	4	5										
26	4	4	4	4	3	3	3	4	7	8	3	***	4	5	5	6	5	4	5	6	7	8	6	6	5										
27	6	5	4	3	3	3	2	5	4	4	4	3	2	3	3	2	3	3	3	4	4	7	5	3	4										
28	2	2	2	2	2	2	3	2	2	3	3	2	2	1	2	2	2	2	4	3	3	3	3	4	2										
29	3	3	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1										
30	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1										
31	2	2	2	1	1	1	2	4	5	4	4	3	3	2	3	3	3	4	4	5	4	4	4	4	3										
MEAN	4	3	3	3	3	2	3	4	5	4	4	3	3	3	3	2	3	3	4	4	5	5	4	4	3.4										
PERCENTAGE OF DATA VALID - 46.6														PERCENTAGE OF DATA INVALID - 53.2											PERCENTAGE OF DATA UNAVAILABLE - 0.1										

PERCENTAGE OF DATA VALID - 46.6 PERCENTAGE OF DATA INVALID - 53.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - C NO 34002 SC CTR 770 OON MILLS RD, NORTH YORK															MONTH - SEP 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	6	5	4	3	3	4	4	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2	3
2	2	1	1	1	1	2	2	2	2	1	1	****	1	1	2	1	1	2	3	3	3	2	2	2	2
3	2	2	2	2	2	2	2	4	5	2	2	2	1	1	2	2	3	3	4	4	3	3	3	3	3
4	2	2	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	2	4	3	2	2	2	2
5	1	1	1	1	1	1	1	D	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1
6	2	2	1	1	1	1	1	2	1	1	1	0	1	1	1	2	2	3	3	3	3	2	2	2	2
7	2	2	2	1	1	1	3	4	5	5	3	****	2	1	1	2	2	2	3	3	2	3	4	4	3
8	4	4	3	3	3	3	3	5	9	12	7	5	3	3	3	3	3	5	6	5	8	8	8	7	5
9	6	5	4	2	2	4	5	6	5	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	-	-	-	-	-	-	-	-	-	-	3	2	2	1	1	1	1	2	2	3	3	2	2	1	*****
24	1	1	1	1	1	2	2	3	3	3	2	1	1	1	1	2	4	4	4	4	3	3	3	4	2
25	4	3	3	4	3	2	2	3	3	3	4	4	3	3	3	4	2	3	3	3	3	2	3	3	3
26	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	5	5	4	4	4	4	4	2	3
27	2	2	2	2	2	3	3	4	4	3	3	3	4	4	3	3	4	5	5	4	3	2	2	2	3
28	1	1	1	1	1	2	3	3	2	1	1	1	1	2	2	3	3	4	5	4	3	3	4	4	2
29	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	4	6	5	5	5	6	3
30	5	4	3	3	3	3	3	4	5	2	2	1	****	2	3	3	3	4	4	4	3	3	2	2	3
MEAN	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	4	3	3	3	3	2.6

PERCENTAGE OF DATA VALIO - 53.1

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 46.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 340D2 SC CTR 770 DON MILLS RD, NORTH YORK														MONTH - OCT 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	5	6	4	4	3	2	2	3	4	5	5	6	4	4	5	4	4	
2	3	3	4	3	3	3	3	3	4	7	3	4	4	3	3	6	7	7	6	6	5	4	5	5	4
3	5	5	4	4	4	3	4	4	3	2	2	2	3	2	2	3	4	5	4	4	3	3	3	3	
4	3	3	3	2	2	2	2	4	4	2	***	3	3	2	2	2	3	4	5	4	4	4	3	3	3
5	3	2	2	2	2	2	2	3	4	3	3	3	2	2	3	5	5	6	7	6	5	5	5	5	4
6	4	3	2	2	2	3	5	5	4	3	3	3	3	3	4	6	5	5	5	3	2	1	1	1	3
7	1	1	1	0	D	1	1	2	2	***	***	1	1	1	2	2	2	3	2	2	2	2	2	2	2
8	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
9	2	2	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	2	1
10	3	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	3	2	2
11	2	2	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	3	4	3	3	3	3	3	2
12	3	2	2	2	2	2	2	3	4	3	3	2	2	2	2	2	3	4	6	5	5	5	5	4	3
13	3	3	2	3	3	3	4	5	5	4	2	1	2	2	2	2	2	2	1	2	1	2	2	1	2
14	1	0	0	0	0	2	1	1	1	1	1	****	1	1	1	1	2	3	3	3	3	3	3	4	2
15	2	1	3	3	2	3	4	4	4	2	2	2	2	1	2	2	2	3	2	2	2	2	2	2	2
16	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	2
17	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	3	3	2
18	2	2	2	1	2	3	3	3	3	1	1	****	1	1	2	2	2	2	2	3	3	3	3	3	2
19	3	2	2	2	2	3	3	4	3	3	3	3	2	3	2	3	3	3	3	3	3	3	3	3	3
20	3	2	2	2	3	3	3	3	3	3	3	4	3	4	4	5	4	4	4	4	3	3	2	2	3
21	2	2	1	1	1	2	3	3	3	2	2	2	-	****	2	2	3	3	3	3	3	3	2	3	2
22	2	2	1	2	2	2	3	3	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
23	2	2	2	2	3	3	3	3	3	3	3	2	1	1	1	2	3	4	4	4	4	4	5	3	3
24	4	4	4	2	2	2	2	3	3	2	3	3	2	2	3	3	3	3	3	3	3	3	3	2	3
25	2	1	1	1	2	2	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	4	3	3	3
26	2	2	2	2	2	3	3	3	3	3	2	2	1	1	2	2	3	3	4	4	4	4	4	4	3
27	3	3	2	2	3	3	3	4	4	3	2	2	1	1	2	2	2	3	4	4	4	4	5	4	3
28	3	3	3	3	3	3	3	3	3	3	2	2	2	-	2	3	3	4	4	4	3	3	3	3	3
29	3	3	2	2	2	3	3	3	3	2	3	3	3	2	3	4	4	4	5	4	4	4	4	4	3
30	4	4	4	3	4	3	3	3	3	3	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4
31	4	4	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2
MEAN	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	4	3	3	3	3	3	2.5



## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	1	1	1	1	2	3	4	2	1	1	1	1	1	1	3	4	3	4	3	4	3	4	2
2	3	3	3	2	2	2	3	3	5	4	4	4	4	4	3	3	3	4	4	4	4	4	4	3	3
3	4	4	3	3	3	3	3	4	4	4	4	5	4	3	3	3	3	4	4	4	4	3	3	4	4
4	3	4	5	4	2	2	3	3	3	4	3	3	***	2	3	4	3	3	3	3	2	3	3	3	3
5	3	3	2	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	3
6	2	2	3	2	2	2	2	2	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2	2
7	2	2	2	1	2	1	1	1	1	0	0	1	1	1	1	1	1	2	2	2	3	1	2	2	1
8	1	1	1	1	1	1	2	3	2	1	1	1	1	***	1	1	2	2	2	3	3	3	3	3	2
9	3	3	3	2	3	3	3	3	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	3
10	3	3	3	3	3	2	3	3	3	3	2	2	2	2	2	2	3	2	3	3	3	3	2	2	3
11	2	2	2	2	1	1	2	3	2	1	1	1	1	1	2	2	3	4	3	3	4	3	4	4	2
12	3	3	2	2	2	2	2	3	3	3	1	1	***	1	2	2	3	3	3	3	3	3	3	3	2
13	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	3	3	4	4	3	3	3	2
14	3	3	3	2	1	2	2	2	2	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	2
15	3	3	3	2	2	2	2	3	4	5	4	5	1	***	3	2	4	5	5	4	4	4	4	4	4
16	4	3	3	3	3	3	3	3	5	4	4	3	3	2	3	3	4	5	5	5	6	5	6	6	4
17	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	5	5	4	4	4	4	4	3	2	4
18	3	3	2	2	3	3	3	3	3	3	2	2	2	2	2	3	3	4	3	3	3	3	3	3	3
19	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	2	2	2	2	3	2	2	3
20	2	2	2	1	1	0	1	1	1	1	1	1	2	2	1	2	2	3	3	3	3	3	2	2	2
21	3	2	1	1	1	1	1	1	1	1	3	2	1	1	0	0	1	1	1	1	2	1	2	1	1
22	2	1	1	1	1	1	2	3	3	3	2	***	***	3	2	3	3	3	3	2	2	2	2	2	2
23	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
24	2	2	2	2	1	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
25	3	3	3	2	2	2	2	3	3	4	4	3	3	3	3	4	4	4	4	4	4	3	3	3	2
26	4	3	3	3	2	3	3	3	4	3	3	3	4	3	3	4	4	4	4	4	4	3	3	4	3
27	4	3	3	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	3	3	2	2	2	2	2
28	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	1	1	2
29	1	1	1	1	1	1	1	2	2	2	1	1	-	-	1	2	2	2	2	2	2	2	1	2	2
30	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	2	2	2	2
MEAN	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3
2	3	3	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	2	3	3	3	3	2	3	2
3	3	2	2	2	1	2	2	2	3	4	***	4	4	4	4	2	3	4	4	4	4	4	4	4	3
4	3	2	2	1	1	1	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	5	4	4	3
5	4	3	3	2	2	2	3	2	2	2	2	2	2	2	2	3	3	5	5	4	5	5	5	5	3
6	4	4	4	4	5	3	2	2	2	2	2	2	2	2	2	***	4	5	4	4	4	2	2	3	3
7	4	3	4	3	3	3	3	2	1	1	1	1	1	1	1	2	3	3	3	2	2	3	2	2	2
8	2	2	2	1	1	1	2	3	4	4	4	4	4	3	3	5	5	4	4	3	3	3	3	3	3
9	3	2	1	1	1	1	2	4	4	3	3	4	4	5	4	3	4	4	4	4	3	3	2	3	3
10	3	3	3	3	3	3	3	5	4	4	***	***	***	***	***	3	3	3	2	2	2	2	1	1	3
11	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	3	3	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	1	1	1	2
13	1	1	1	1	1	1	1	2	2	1	1	***	-	2	2	2	3	4	4	3	4	3	3	3	2
14	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
15	3	2	3	3	3	2	2	3	3	3	3	2	3	3	3	4	4	4	4	4	4	4	4	5	3
16	5	5	5	5	5	4	3	3	3	3	3	3	3	***	3	3	3	2	2	3	3	3	3	3	3
17	3	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	1	2
18	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	1
19	3	3	2	2	2	3	3	3	4	4	3	3	3	3	4	4	5	4	5	5	5	5	5	5	4
20	5	3	3	3	3	2	2	2	3	3	3	3	3	4	***	2	1	1	1	1	1	1	1	1	2
21	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
22	2	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	3	3	2	2	2	1	1	2	2
24	2	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	3	3	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	3	3	3	3	2	2
26	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	1	1	1	2
27	1	1	1	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2
28	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2.4

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - D.D1 PARTS/MILLION

STATION - C ND 34DD2 SC CTR 77D DDN MILLS RD, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	2.7	4	8
FEB	29	3.0	5	8
MAR	31	2.7	4	7
APR	30	2.8	7	11
MAY	31	2.5	5	7
JUN	30	3.1	5	9
JUL	23	2.6	4	9
AUG	14	3.4	5	15
SEP	15	2.6	5	12
OCT	31	2.6	4	7
NOV	30	2.5	4	6
DEC	31	2.4	4	5
YEAR	320	2.7	7	15

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - D.D1 PARTS/MILLION

STATION - C ND 34DD2 SC CTR 77D DDN MILLS RD, NORTH YORK

MONTH	DD	TD	D1	D2	TO	D3	04	TD	06	07	TD	10	11	TD	13	14	TO	20	21	80	OVER	TOTAL
JAN	73					421			101			5			0			D		0		600
FEB	95					357			227			7			D			D		D		686
MAR	171					355			212			1			D			D		D		739
APR	202					315			155			40			1			D		0		713
MAY	212					360			164			4			0			D		0		740
JUN	110					356			220			21			D			D		0		707
JUL	159					286			121			10			D			0		0		576
AUG	47					157			122			19			1			1		D		347
SEP	85					213			77			6			1			D		D		382
OCT	117					470			145			4			0			D		D		736
NOV	132					468			112			D			0			D		D		712
DEC	120					518			93			D			0			D		0		731
YEAR	1523					4276			1749			117			3			1		0		7669

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

87.3

0

0.5

1.3

2.0

2.8

4.0

4.8

5.8

6.6

15

2.7

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
5	2	2	2	1	1	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
6	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	2	2	1	1	1	1	1	1	4
8	1	1	1	1	1	1	2	3	3	3	3	4	5	3	4	2	2	3	2	3	3	3	3	3	2
9	3	3	3	2	2	3	3	4	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	4	4	4	4	5	3
11	5	5	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
12	2	2	2	2	1	1	2	3	3	3	3	4	4	5	4	5	5	5	6	5	4	4	3	4	3
13	3	3	3	3	3	3	4	5	5	5	5	5	5	4	4	4	5	5	4	4	3	3	3	3	4
14	3	3	3	2	1	1	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	1	2
15	1	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	3	4	4	4	4	4	4	4	3
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	2	2	1	1	1	2	3
17	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	3	2	2	2	2	2
18	2	2	1	1	1	2	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	3	3	3	2
19	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3
20	3	3	3	3	2	2	2	3	3	3	3	3	3	3	2	2	3	2	2	2	2	2	3	3	3
21	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	1	1	3
22	1	1	1	1	1	0	1	1	2	1	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1
23	2	2	2	2	2	2	2	2	3	3	4	5	6	5	4	3	3	3	3	2	2	2	2	2	3
24	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	2
25	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	4	4	4	4	3	3	3	4	5	5	4	4	3	3	2	2	2	3
27	2	1	1	1	1	1	2	3	4	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
28	2	2	2	2	2	2	1	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
31	4	4	4	5	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4
MEAN	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	1	1	1	0	1	2
2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	3	3	3	3	3	3	2
3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	4	5	4	4	5	4
4	5	5	4	4	4	4	4	4	4	4	3	2	2	2	2	2	2	3	3	3	3	4	4	4	3
5	4	4	3	4	4	4	4	4	5	5	4	4	5	4	4	4	4	5	5	5	4	5	4	4	4
6	4	4	4	4	4	4	3	4	4	3	3	4	3	4	-	-	-	-	-	-	-	-	-	-	*****
7																									
8																									
9																									
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22																									
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	4	4	4	3	3	3	3	*****
24	4	4	4	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
25	4	4	3	3	4	4	4	5	4	4	3	3	3	4	4	4	4	5	4	5	5	5	5	5	4
26	5	5	4	4	5	5	6	5	5	6	5	4	4	3	5	4	4	4	4	4	4	4	4	4	4
27	4	3	2	2	1	1	2	3	3	2	1	1	2	2	2	3	3	4	3	3	3	3	3	3	2
28	4	4	4	3	2	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	4	4	4	4	3
29	3	3	3	3	2	3	3	3	3	3	3	3	4	3	2	2	2	2	3	3	3	3	3	3	3
MEAN	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	4	3	3	3.2

PERCENTAGE OF DATA VALID - 40.4

PERCENTAGE OF DATA INVALID - 21.7

PERCENTAGE OF DATA UNAVAILABLE - 37.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## UNITS - 0.01 PARTS/MILLION

MONTH - MAR 76

PERCENTAGE OF DATA VALID - 98.3                      PERCENTAGE OF DATA INVALID - 1.7                      PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## UNITS - 0.01 PARTS/MILLION

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	2	2	3	3	2	3	3	3	3	3	3	4	3	3	3	3	4	3	3	3
2	3	3	2	2	2	2	2	2	1	2	1	1	1	1	1	***	1	1	1	2	2	2	2	2	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
5	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	4	5	6	5	5	2
6	5	2	2	2	2	3	3	3	2	2	2	1	1	0	***	1	1	1	1	1	1	1	2	3	2
7	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
8	2	3	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
9	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	***	-	-	-	-	-	-	-	-	*****
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
MEAN	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 28.5      PERCENTAGE OF DATA INVALID - 0.4      PERCENTAGE OF DATA UNAVAILABLE - 71.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	1	1	1	1	0	1	1	2	2	2	2	1	2	1	1	2	2	3	3	3	3	3	3	3	2
7	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
8	2	2	1	1	1	1	1	1	2	1	1	0	1	1	0	1	1	1	1	3	4	4	4	4	2
9	4	4	3	3	3	3	3	4	3	4	3	4	4	2	1	1	1	1	2	3	4	5	4	5	3
10	5	5	6	5	5	6	5	5	7	7	***	6	8	8	8	7	6	7	7	7	7	6	6	6	6
11	6	1	1	1	1	3	5	5	6	6	6	6	6	4	3	3	2	2	2	1	2	1	2	2	3
12	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	3	3	4	4	3	2
13	4	4	4	3	3	5	4	4	5	5	6	5	5	5	5	6	6	6	6	7	7	7	7	6	5
14	7	6	5	5	6	5	4	5	4	5	4	5	5	4	4	3	4	3	4	4	4	4	5	5	5
15	6	5	4	4	4	4	2	4	6	5	6	6	1	2	2	3	5	5	5	5	5	5	4	4	4
16	4	3	2	2	2	2	2	3	3	3	3	4	4	3	5	5	6	6	5	6	5	5	5	5	4
17	4	3	3	2	2	4	3	4	4	5	3	3	4	4	4	4	2	1	1	1	1	0	0	0	3
18	0	0	0	0	0	***	1	2	1	1	1	1	2	1	2	1	2	1	1	1	1	2	2	1	1
19	2	1	1	1	1	1	2	2	1	1	***	2	2	1	2	2	1	1	1	1	1	1	1	1	1
20	2	1	1	1	1	2	2	3	2	1	1	1	2	1	1	1	2	1	2	3	4	5	4	4	2
21	1	2	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
22	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
23	2	1	2	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	1	2	1	2	1
24	1	1	1	2	2	2	1	1	1	1	0	1	1	1	1	3	3	3	2	2	2	2	3	2	2
25	4	3	3	2	2	2	2	2	2	2	2	3	3	2	3	4	3	3	2	3	2	2	2	2	3
26	1	2	1	2	2	2	2	2	2	4	4	5	6	5	***	3	7	3	2	2	3	4	4	3	3
27	3	3	2	2	3	3	2	2	1	1	1	2	7	6	6	6	7	6	6	6	6	5	5	4	4
28	4	4	4	4	4	4	4	6	6	5	5	5	6	***	7	8	8	9	9	9	7	7	6	6	6
29	5	5	5	5	5	5	4	5	5	6	6	6	6	6	6	6	7	6	6	6	5	5	5	5	5
30	4	4	3	3	3	3	3	3	2	3	3	3	3	3	4	4	4	4	3	3	4	3	3	3	3
31	2	2	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	1	2
MEAN	3	3	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 84.5

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 14.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	1	1	2	2	1	2	2	5	5	5	5	5	5	5	4	4	3	3	3
2	4	4	3	3	3	3	2	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	3
3	3	3	3	3	3	3	3	3	2	2	1	1	3	6	7	8	8	6	3	3	3	3	2	3	4
4	3	2	2	2	1	1	2	2	3	2	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3
5	2	2	3	3	2	2	2	2	2	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	3	2	2	2	1	2	2	1	1	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1
7	0	1	2	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	2	3	4	4	3	3	2
8	1	1	1	2	2	3	4	3	2	1	1	1	1	1	1	1	1	1	1	2	3	4	5	5	2
9	4	4	3	1	0	1	1	2	3	2	0	6	8	8	7	7	8	8	8	8	8	8	8	7	5
10	7	6	5	5	4	4	4	5	5	6	6	4	4	3	2	2	3	3	4	6	7	7	7	5	5
11	4	3	2	2	1	2	3	4	4	3	1	2	1	1	1	1	1	1	1	1	2	2	1	1	2
12	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
13	3	3	3	2	2	2	2	2	3	3	4	4	5	6	7	7	8	8	7	6	8	7	6	4	5
14	3	3	2	2	3	4	5	6	6	6	5	6	7	***	8	6	6	5	5	6	7	8	7	6	5
15	6	6	6	5	5	6	6	6	6	4	4	5	7	7	7	8	8	7	8	7	6	6	5	3	6
16	4	3	2	2	3	3	4	5	4	3	3	3	4	4	4	3	4	4	4	3	3	3	3	2	3
17	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	2	5	6	6	5	4	2
18	3	3	3	3	3	3	4	5	5	5	6	***	8	10	10	11	11	10	10	10	10	10	10	9	7
19	9	7	4	3	4	6	4	4	4	4	5	5	5	5	5	5	5	3	1	1	1	1	1	2	4
20	3	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	5	6	7	6	6	4	2	2
21	1	1	1	1	2	2	2	4	4	3	3	3	4	4	4	4	5	4	4	4	4	4	4	3	3
22	3	3	3	3	2	2	2	3	3	5	5	5	6	7	7	8	8	8	8	8	9	9	9	8	6
23	7	6	5	5	4	4	4	5	8	8	8	8	7	9	***	9	10	11	10	10	9	8	6	4	7
24	3	3	5	5	4	5	7	8	11	10	11	13	12	12	12	11	8	8	6	5	5	4	4	4	7
25	3	1	1	1	1	2	2	2	1	1	1	2	2	1	1	2	2	2	2	3	4	4	2	4	2
26	3	1	1	1	1	2	2	1	2	3	2	2	5	4	3	3	7	2	2	5	5	5	5	3	3
27	4	3	1	0	1	3	0	0	0	0	0	0	6	6	6	6	6	6	7	9	6	6	6	3	3
28	4	1	1	1	1	2	3	1	1	1	1	1	3	4	10	8	5	2	2	4	3	3	4	3	3
29	4	5	4	4	3	2	4	2	2	2	3	9	11	11	***	5	7	8	9	9	8	6	6	6	6
30	6	4	4	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4
MEAN	3	3	3	2	2	3	3	3	3	3	3	3	4	4	5	5	5	5	4	5	5	5	4	4	3.7

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - JUL 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	2	2	2	2	2	2	1	1	1	0	0	0	0	1	1	1	1	1	2
2	1	1	1	1	2	2	2	1	1	2	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	2	2	2	3	3	2	2	2	1
4	2	2	1	1	0	0	0	1	1	2	2	4	4	4	4	5	4	4	7	6	5	2	2	2	3
5	1	1	2	1	1	3	3	3	3	3	3	1	1	1	****	12	13	11	10	11	7	4	3	3	4
6	3	1	1	1	3	3	4	8	10	7	8	11	10	9	8	8	6	4	8	6	7	8	9	8	6
7	8	6	6	5	5	5	5	5	4	6	7	7	6	6	5	6	5	6	6	6	6	6	5	6	6
8	5	4	4	2	3	2	4	2	1	2	1	1	1	1	****	1	1	1	1	1	2	2	1	1	2
9	1	1	1	1	1	1	2	1	1	0	0	0	1	1	1	7	7	9	9	10	8	6	6	5	4
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7	6	6	5	5	5	5	5
11	5	4	5	3	3	3	2	1	1	1	1	1	2	1	0	0	0	0	0	0	1	1	1	0	2
12	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0
13	0	0	0	0	0	1	1	****	0	1	0	0	0	0	0	0	0	1	1	1	1	2	1	1	0
14	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	4	5	4	3
15	3	3	3	3	2	3	4	4	5	5	5	5	****	****	9	8	8	8	7	8	8	8	9	9	6
16	9	7	5	4	5	4	5	6	8	8	5	3	2	1	1	1	1	1	1	1	2	1	1	1	3
17	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	2	3	3	2	1
18	3	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	2	4	4	4	4	1
19	2	2	2	2	2	3	5	4	6	6	7	9	10	10	9	10	11	5	6	8	8	7	6	5	6
20	4	3	3	4	5	6	7	7	6	8	8	8	9	9	9	9	8	7	8	7	5	6	5	3	6
21	1	1	0	1	0	2	1	3	3	3	3	4	4	4	4	5	5	5	5	4	4	3	3	3	3
22	2	3	2	2	2	2	2	3	3	3	3	3	3	****	3	4	4	3	3	3	3	4	3	3	3
23	3	3	3	3	3	3	3	4	6	5	6	6	6	9	9	9	11	8	8	8	7	5	6	5	6
24	4	2	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1
25	2	1	1	1	2	2	2	1	1	1	1	1	0	1	3	3	4	3	2	4	5	5	5	4	2
26	4	3	2	2	2	3	3	4	4	5	5	6	8	8	3	5	6	8	8	7	8	9	8	4	5
27	2	1	1	1	1	4	4	2	2	1	0	1	1	1	1	1	1	1	1	3	3	3	2	2	2
28	2	2	2	3	3	3	3	3	4	5	4	5	4	4	4	4	4	4	4	3	3	3	3	3	3
29	2	2	1	1	2	3	3	3	3	3	3	4	****	****	4	4	3	2	2	2	2	2	2	1	2
30	1	1	1	2	2	2	2	2	2	2	****	1	3	4	5	6	5	6	5	4	3	3	3	3	3
31	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	****	0	0	0	0	0	0	2
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3.1

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
2	1	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
3	1	1	1	1	1	1	2	2	2	2	2	3	2	3	***	2	2	2	1	2	3	3	2	2	2
4	2	1	1	1	1	2	2	2	2	2	3	3	3	3	3	***	4	4	4	4	4	3	3	3	3
5	3	2	3	2	2	3	3	3	3	2	3	2	3	3	2	3	3	3	2	2	2	1	1	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	***	1	0	1	1	1	2	2	2	1	0	0
7	2	2	1	0	0	0	0	1	3	3	2	2	2	2	3	4	4	7	6	4	1	1	3	2	2
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	
9	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0
10	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	1
11	3	1	1	1	3	3	9	7	6	5	4	3	3	4	3	3	3	3	2	3	2	1	2	1	3
12	1	1	0	0	0	2	4	7	5	5	4	4	3	3	3	2	1	0	1	3	3	2	2	1	2
13	2	1	0	1	1	2	3	2	0	0	1	2	0	1	1	0	0	0	0	0	3	2	0	0	1
14	0	0	0	0	0	0	0	0	0	1	2	3	4	3	2	2	0	0	0	0	1	0	1	1	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	4	3	2	0	2	3	3	3	3	2	3	5	5	7	7	8	3
19	8	3	0	0	1	1	1	9	9	6	5	4	4	5	6	9	9	9	8	11	9	7	6	3	6
20	5	5	3	3	6	5	14	11	8	1	4	4	4	3	3	4	4	4	5	5	3	3	1	0	5
21	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	2	3	4	4	4	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	0	
23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
24	1	1	1	0	2	7	6	9	9	4	3	2	3	5	6	***	6	6	6	5	6	7	4	5	5
25	2	2	3	2	2	2	3	4	6	3	1	1	3	3	4	4	5	4	4	6	6	6	6	4	4
26	4	3	2	1	3	3	3	4	8	8	4	3	4	4	5	5	4	4	4	5	3	3	3	3	4
27	2	2	2	2	2	2	1	1	1	2	3	3	***	3	3	3	4	4	4	3	3	3	3	2	3
28	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	1	2	2	2	1	2
29	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	***	1	1	2	2	2	2	3	4	4	4	5	2
31	5	5	5	5	5	7	10	18	15	17	15	12	11	11	11	***	***	***	***	***	***	***	***	***	***
MEAN	2	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	11	10	9	9	8	9	8	*****
17	7	6	5	3	5	3	3	4	4	4	3	3	4	5	5	5	5	4	5	5	4	4	4	4	4
18	4	4	3	2	2	2	3	3	3	3	3	3	3	3	4	3	3	3	5	6	5	4	3	4	3
19	4	3	3	3	2	2	2	3	3	3	3	3	6	3	2	2	2	3	6	8	7	8	8	7	4
20	6	7	6	6	7	7	5	6	7	7	6	4	2	2	2	2	2	2	2	2	2	2	2	1	4
21	1	2	2	1	2	3	3	3	3	3	3	4	4	5	5	5	5	5	4	5	4	3	3	3	3
22	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	4	4	4	4	4	3
23	5	5	5	5	5	5	5	6	7	6	7	5	3	3	***	3	3	3	4	4	4	3	2	2	4
24	2	2	2	2	3	4	4	4	5	4	3	3	3	2	3	4	6	6	6	6	7	6	5	5	4
25	5	5	5	5	5	5	5	5	6	6	5	6	8	4	3	3	3	4	3	4	4	4	3	4	5
26	4	4	4	4	4	4	4	4	4	4	5	6	6	5	6	7	6	5	5	5	5	4	3	4	5
27	2	2	2	2	2	3	4	4	4	4	5	6	5	6	***	4	4	5	6	6	6	4	3	2	1
28	2	1	1	2	3	3	3	4	3	2	2	2	2	3	5	7	6	6	6	6	5	5	5	5	4
29	5	5	5	5	5	5	5	5	6	6	5	6	5	***	3	6	4	4	6	8	8	7	7	7	6
30	7	6	5	5	5	5	5	5	6	6	7	7	7	8	9	9	8	7	8	7	7	6	6	5	7
MEAN	4	4	4	3	4	4	4	4	5	5	4	4	4	4	4	4	5	5	5	6	5	5	4	4	4.4

PERCENTAGE OF DATA VALID - 47.4

PERCENTAGE OF DATA INVALID - 5.7

PERCENTAGE OF DATA UNAVAILABLE - 46.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	4	5	6	7	8	9	9	11	11	10	11	11	12	12	10	9	8	8	7	6	6	
2	6	6	6	6	6	7	7	7	8	10	11	11	12	10	11	11	10	11	10	9	9	9	9	9	
3	9	8	8	6	5	3	3	4	5	7	7	7	8	9	8	8	8	8	8	8	7	7	6	7	
4	6	6	6	6	5	6	5	5	6	6	6	8	8	8	***	7	7	7	7	8	8	8	7	7	
5	8	8	7	7	6	6	5	5	7	8	10	10	11	12	12	12	12	11	10	10	10	9	9	8	
6	8	6	5	5	6	7	7	6	7	8	8	8	8	8	8	-	7	7	7	5	3	3	2	6	
7	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4	3	3	
8	3	3	2	2	2	2	2	3	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	
9	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	
10	3	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	4	4	4	4	4	
11	4	4	4	3	3	4	4	4	4	4	4	5	5	5	5	5	4	4	3	3	3	4	4	4	
12	5	5	5	5	5	4	2	2	4	4	5	6	6	7	8	8	7	8	8	7	7	7	7	7	
13	7	7	7	6	6	6	6	6	6	6	4	3	3	3	3	3	3	3	3	4	3	4	4	3	
14	2	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2	3	3	4	4	4	3	3	3	
15	4	4	4	4	5	4	3	3	5	5	5	5	3	3	3	3	3	3	3	3	3	2	2	2	
16	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	
17	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	
18	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	
19	3	3	3	3	3	2	0	***	1	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	
20	4	3	3	3	3	2	1	1	1	1	2	2	3	3	3	3	3	4	5	5	4	4	3	3	
21	3	2	2	1	1	3	4	4	4	4	2	2	3	2	3	3	4	4	4	4	4	4	4	3	
22	3	3	2	2	2	2	3	3	4	3	2	2	***	2	2	4	4	3	3	4	5	5	6	5	
23	4	3	5	3	5	5	6	6	6	6	5	3	3	2	2	3	3	5	7	7	7	7	6	5	
24	5	5	6	7	5	4	5	6	6	7	7	7	6	6	6	6	6	7	6	5	5	4	3	3	
25	2	2	2	2	2	2	3	5	6	5	5	4	4	4	4	5	5	5	5	4	4	5	7	4	
26	7	6	3	3	2	2	3	4	4	4	3	3	3	3	3	3	3	4	4	3	3	4	5	6	
27	5	5	6	5	4	5	6	7	7	5	3	3	3	3	3	3	4	5	6	7	7	7	7	5	
28	6	4	5	6	5	6	7	7	8	8	8	8	8	5	6	6	9	9	9	9	9	8	8	7	
29	7	6	4	4	5	7	8	8	8	8	8	8	8	6	5	5	6	7	8	9	9	8	8	7	
30	8	7	8	8	8	8	8	7	7	8	8	8	8	7	7	8	8	7	6	7	7	8	7	7	
31	7	7	8	8	6	5	5	4	4	4	4	3	3	3	3	3	3	2	3	3	2	3	5	5	
MEAN	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

HOUR DAY	STATION - C ND 340D7 BATHURST/WILSON, NORTH YORK																								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	4	2	2	2	2	3	4	6	6	7	5	4	3	3	3	3	6	7	8	8	8	8	8	7	5
2	7	7	7	7	7	7	7	5	4	5	6	7	8	8	8	8	8	8	9	9	8	8	8	8	7
3	8	8	8	8	8	8	7	6	5	6	8	7	6	8	-	6	8	8	8	8	8	7	5	5	7
4	4	5	6	7	8	5	4	6	7	6	5	6	7	7	7	8	8	7	7	7	8	7	7	7	7
5	8	8	8	7	6	6	6	5	5	6	7	7	8	7	7	5	5	7	7	7	7	7	8	8	7
6	7	6	6	6	4	4	4	6	8	8	7	7	6	4	6	6	7	8	8	8	7	7	7	5	6
7	5	4	3	3	3	2	3	2	3	3	2	2	2	2	2	2	2	3	3	3	4	4	2	3	3
8	3	2	2	2	2	2	2	4	5	5	3	2	3	2	2	2	3	4	5	4	5	4	5	5	3
9	6	6	5	4	5	6	7	6	7	8	8	9	9	9	8	8	7	7	7	8	8	8	9	8	7
10	8	7	5	5	4	4	3	5	7	7	****	****	5	4	4	4	4	3	3	4	3	4	3	3	5
11	3	3	2	2	2	2	3	4	4	3	3	2	2	2	3	4	4	5	4	4	4	4	4	4	3
12	4	3	3	3	3	3	4	4	3	4	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3
13	3	3	3	3	3	3	2	2	2	3	3	2	2	2	2	2	3	3	4	4	4	4	4	4	3
14	3	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	4	4	4	4	4	3
15	4	4	4	4	4	3	3	3	3	3	4	6	4	3	2	4	5	5	5	5	5	5	5	5	4
16	4	4	4	4	4	3	3	3	4	5	5	5	5	4	3	4	5	6	6	6	6	6	6	5	5
17	7	6	5	5	6	6	6	5	5	6	6	7	6	6	7	6	5	6	6	6	5	5	4	3	6
18	3	3	3	3	3	3	3	3	3	4	3	2	2	2	3	4	4	4	4	4	4	4	4	4	3
19	4	4	4	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	2	3	3
20	3	3	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2
21	2	2	1	1	1	2	2	1	2	3	3	3	2	2	2	2	3	3	3	2	3	2	3	2	2
22	3	3	2	2	2	1	2	3	3	3	3	2	2	2	3	****	4	4	3	2	3	2	3	2	3
23	3	3	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3
24	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3
25	3	3	3	3	3	2	2	2	2	3	3	3	3	2	3	2	3	3	4	4	4	3	3	3	3
26	4	4	4	5	4	4	4	4	4	4	4	4	5	4	4	5	5	4	5	5	5	5	5	4	4
27	4	5	5	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	2	2	3	3	2
28	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3
29	1	1	1	1	1	1	1	3	3	3	2	2	2	2	****	2	3	3	3	3	3	3	3	3	2
30	3	3	3	2	2	3	3	2	2	2	2	3	3	3	3	3	3	4	3	3	4	4	4	4	3
MEAN	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4.0

PERCENTAGE OF OATA VALIO - 99.3

PERCENTAGE OF OATA INVALID - 0.6

PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

HOUR DAY	STATION - C NO 34007 BATHURST/WILSON, NORTH YORK																								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	4	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	4	4	4	4	4	3	4	4	3
2	4	4	3	3	3	3	3	3	3	3	2	1	2	2	2	2	2	3	3	3	3	3	3	4	3
3	3	3	2	2	2	3	3	4	4	4	4	5	5	4	4	3	4	3	4	4	4	4	4	4	4
4	4	4	4	4	4	4	4	3	3	3	3	4	3	3	3	3	3	2	2	3	3	4	4	3	3
5	4	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	4	4	4	4	3
6	3	4	4	4	3	4	3	3	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	3	3
7	3	3	4	3	3	3	4	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3
8	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	****	****	3	4	4	4	4	3	3	3
9	3	2	2	3	1	1	2	3	3	3	3	3	3	3	3	****	3	3	3	3	3	4	4	3	3
10	4	4	3	4	3	3	3	1	1	1	2	3	3	3	2	3	3	3	3	4	3	3	2	2	3
11	2	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3
12	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	2	1	1	1	3
13	1	1	1	1	1	1	2	2	2	2	2	2	3	3	****	****	5	4	4	4	4	4	5	4	4
14	4	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4
15	3	3	3	3	3	3	3	3	3	4	3	3	3	3	-	-	-	-	-	-	-	-	-	-	*****
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	4	4	4	4	3	2	2	2	*****
24	2	2	1	1	2	2	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	****	3
25																									
26																									
27																									
28																									
29																									
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	****	*****
31	4	3	3	3	3	3	3	5	6	6	6	4	3	****	7	4	4	4	3	3	3	2	2	3	4
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3.1

PERCENTAGE OF OATA VALID - 53.8

PERCENTAGE OF OATA INVALID - 20.4

PERCENTAGE OF OATA UNAVAILABLE - 25.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.6	4	6
FEB	11	3.2	4	6
MAR	31	2.8	5	7
APR	8	1.6	3	6
MAY	26	2.9	6	9
JUN	30	3.7	7	13
JUL	31	3.1	6	13
AUG	30	1.9	6	18
SEP	14	4.4	7	12
OCT	31	4.7	9	12
NOV	30	4.0	7	9
DEC	16	3.1	4	7
YEAR	289	3.2	9	18

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	110	522	106	0	0	0	0	738
FEB	32	123	126	0	0	0	0	281
MAR	160	352	216	3	0	0	0	731
APR	120	77	8	0	0	0	0	205
MAY	192	216	193	28	0	0	0	629
JUN	149	248	215	92	12	0	0	716
JUL	265	211	173	78	7	0	0	734
AUG	411	189	93	25	6	5	0	729
SEP	6	123	170	40	2	0	0	341
OCT	29	288	234	171	18	0	0	740
NOV	16	369	219	111	0	0	0	715
DEC	22	245	132	1	0	0	0	400
YEAR	1512	2963	1885	549	45	5	0	6959

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

79.2 0 0.3 1.5 2.4 3.4 5.7 7.1 8.2 9.4 18 3.2

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3
7	3	2	2	3	3	2	1	2	3	3	2	2	3	2	2	2	2	2	1	1	1	1	1	1	2
8	1	1	1	1	1	1	2	3	4	4	3	3	2	1	1	1	2	3	3	2	2	3	3	3	2
9	2	2	2	2	3	4	3	2	2	2	2	2	2	***	1	1	2	2	2	2	3	4	3	3	2
10	3	3	3	3	3	3	3	3	3	2	2	2	1	2	2	2	3	4	4	4	4	4	4	4	3
11	4	5	4	3	2	2	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	3
12	3	2	2	1	1	1	3	3	3	3	4	5	5	3	4	3	4	4	4	4	4	2	3	3	3
13	4	4	4	3	2	3	3	3	3	4	4	5	4	***	4	4	4	4	4	4	4	3	3	3	4
14	2	3	1	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	3	3	2	2	2	1	2	2	3	3	4	4	4	4	4	4	3	2
16	3	3	3	3	3	2	2	3	3	3	2	1	2	2	2	2	2	2	2	2	1	2	2	2	2
17	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2
18	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	3	3	3	3	3	3	2
19	4	3	3	3	2	2	3	3	3	4	3	3	2	3	4	4	4	4	4	3	3	3	3	3	3
20	3	2	1	2	2	1	1	2	2	2	2	2	2	***	2	2	2	3	2	2	2	2	2	3	2
21	2	3	3	2	2	2	2	2	2	1	2	2	2	3	2	2	3	3	3	3	1	1	1	1	2
22	2	1	1	1	0	1	2	3	2	1	1	1	1	1	2	2	3	2	3	3	3	2	2	2	2
23	3	3	3	3	2	2	3	3	3	3	3	5	5	5	***	***	5	4	3	3	3	3	3	3	3
24	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	4	4	4	4	4	3
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	2	2	3	2	3	3
26	3	3	4	3	4	4	4	4	3	4	4	4	4	4	3	3	3	3	3	3	2	2	2	2	3
27	2	1	1	1	1	2	4	4	3	3	3	3	***	***	3	3	4	4	4	4	4	3	4	3	3
28	4	3	3	3	2	2	3	4	3	3	2	2	1	2	2	2	4	4	4	3	2	2	3	3	2
29	3	2	2	2	2	2	3	3	3	2	2	2	2	2	1	2	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	4	4	4	4	3
31	4	4	3	3	4	3	3	4	4	4	4	4	5	3	2	3	3	4	4	3	2	1	1	1	3
MEAN	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 84.3

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 14.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
2	2	1	0	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	3	2	1	1	2	2	1
3	2	2	2	2	2	2	2	3	3	3	2	2	***	2	2	2	2	2	3	3	2	3	4	4	2
4	4	4	4	5	4	4	3	3	2	2	2	1	1	1	2	2	2	3	4	4	4	4	4	4	3
5	4	4	3	4	4	4	3	3	4	4	4	4	5	5	4	3	4	4	4	4	4	4	4	4	4
6	3	4	3	3	3	4	4	4	4	4	3	3	***	1	1	2	2	3	3	2	2	1	1	1	3
7	2	1	1	1	2	3	3	3	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	4	4	3	2
9	2	2	2	2	2	4	4	4	4	4	5	4	4	2	2	3	4	5	5	4	3	2	3	2	3
10	3	2	2	3	3	3	3	4	4	4	4	4	***	5	4	6	6	4	3	2	2	3	3	4	4
11	3	2	2	1	1	1	1	3	3	3	3	2	1	2	2	2	3	2	1	1	1	1	2	2	2
12	2	1	1	1	1	1	3	4	4	4	3	3	3	2	3	4	4	3	3	4	4	4	4	3	3
13	1	1	1	2	2	2	3	3	3	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	2
14	2	3	3	2	1	1	1	1	2	2	1	1	1	1	2	2	3	4	5	5	4	4	4	4	2
15	5	3	4	3	4	3	3	3	3	3	3	3	2	1	1	2	2	1	1	2	3	2	1	1	2
16	1	1	1	1	1	2	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	2	3
17	2	2	2	2	2	3	3	3	3	2	2	1	1	***	2	2	3	2	1	2	3	3	3	3	2
18	3	3	3	2	2	2	2	3	3	3	3	3	3	3	***	4	4	4	3	3	3	3	2	1	3
19	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	2	2	3	3	3	2	2	1	1	2
20	2	1	1	1	1	1	3	3	3	1	2	2	1	2	1	1	1	2	4	4	4	4	4	3	2
21	3	3	4	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
22	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	0	1	1	1	2	3	3	2	2	2	2	2	2	1	2	2	1	1	1	1	1	2	2
24	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	5	5	3	3
25	5	5	5	4	5	5	4	5	5	5	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3
26	4	5	5	4	4	5	4	4	5	6	7	6	6	6	5	5	4	4	4	4	4	4	4	4	5
27	5	4	2	1	1	2	3	4	3	2	1	1	1	***	1	2	4	4	4	4	4	4	3	3	3
28	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	4	4	3	3	3	2
29	3	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3
MEAN	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	1	1	1	1	2	3	3	3	3	3	3	2	2	3	3	4	3	2	2	2	3	2	2
2	2	1	1	1	1	1	2	3	3	3	3	2	2	2	3	4	3	4	3	3	3	3	2	2	2
3	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	3
4	4	4	4	4	3	4	4	3	3	3	3	3	3	3	3	3	4	4	3	4	4	3	3	3	3
5	3	3	3	2	3	4	4	4	5	5	3	1	1	****	2	1	2	2	1	1	1	1	1	1	2
6	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1
7	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
8	2	1	1	1	1	2	3	4	3	1	2	1	1	1	1	1	1	1	3	4	4	4	4	4	2
9	4	3	4	4	4	4	4	4	5	3	2	2	3	3	3	3	4	4	5	5	5	5	5	5	4
10	4	4	4	4	3	3	4	4	4	2	2	3	3	****	4	4	5	5	4	3	2	3	2	2	3
11	4	3	2	2	3	3	4	4	3	1	1	1	1	1	1	1	2	2	3	4	4	4	4	4	3
12	4	4	4	3	2	2	2	2	3	2	2	2	3	3	3	4	4	4	4	4	4	4	4	3	3
13	3	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1
14	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	2	3	4	4	4	4	4	2
16	4	4	4	2	1	1	4	4	4	4	4	4	5	4	3	2	3	4	3	2	2	2	2	1	3
17	1	1	1	0	0	0	1	2	1	1	1	1	1	1	****	1	1	2	2	3	3	3	4	3	1
18	2	2	2	2	2	2	3	2	4	5	4	4	3	3	3	4	4	4	5	3	3	4	4	4	3
19	3	4	3	4	3	3	3	4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2
20	2	1	3	2	3	3	3	2	2	3	2	2	3	2	2	2	3	6	6	6	3	2	1	1	3
21	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	0	0	1	0	1	1	1	1	2	1	2	3	3	3	3	3	2	3	3	3	1	2	2
23	2	1	1	1	1	1	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1	3	4	4	2
24	3	4	4	2	1	1	3	2	2	1	2	1	1	1	1	1	2	2	2	1	1	1	1	1	2
25	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	4	4	4	3	3	2
26	2	3	3	3	3	2	2	3	4	4	3	3	4	4	5	5	7	7	6	5	5	5	4	3	4
27	3	4	5	5	5	4	4	3	2	3	4	4	3	3	1	2	3	2	1	1	1	1	1	1	3
28	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	3	4	4	3	3	3	1
29	2	3	3	3	4	1	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	2	3	2	3
30	2	3	2	2	2	2	3	4	4	3	3	3	****	3	3	3	5	5	5	6	5	5	5	5	4
31	5	4	2	1	1	1	2	3	4	2	2	2	3	4	3	3	3	3	3	3	3	3	3	2	3
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	2	2	1	1	1	1	1	2	1	1	1	1	1	1	2	3	3	1
2	3	2	2	2	2	2	3	2	3	1	2	3	****	-	1	1	1	2	3	3	3	3	3	3	2
3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	2	2	1	1	2	2	1
4	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	2	3	3	3	2	1
5	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	2	2	5	5	4	3	4	2
6	4	3	2	2	2	3	4	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2
7	3	2	2	2	2	2	2	2	2	1	1	1	0	1	1	1	1	2	1	1	2	2	2	2	2
8	2	1	1	1	1	1	2	2	1	1	1	1	0	1	0	1	1	1	2	2	1	1	1	1	1
9	1	1	1	1	1	1	2	2	3	2	1	1	0	****	2	3	3	4	5	6	5	5	4	4	3
10	4	3	3	3	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	2	2	1
12	1	2	1	2	2	1	2	1	1	1	1	1	0	1	1	1	1	1	2	2	2	3	3	2	1
13	2	2	2	2	2	2	2	2	2	2	1	1	****	1	1	2	2	2	3	4	5	5	5	5	2
14	5	4	4	4	4	3	3	4	5	4	4	6	6	6	4	2	4	3	2	3	3	2	5	8	4
15	3	3	6	7	2	2	2	3	5	4	****	****	2	2	2	2	2	2	2	2	2	3	3	3	3
16	2	3	5	3	3	3	2	2	2	1	1	1	4	4	2	1	1	2	3	2	2	2	1	2	2
17	2	2	3	4	3	2	2	2	2	1	1	1	1	1	2	3	1	1	1	1	3	3	4	4	2
18	5	4	4	4	3	3	3	3	2	2	3	1	1	1	1	1	1	1	1	2	3	3	5	6	3
19	5	5	3	1	1	2	4	3	3	2	1	1	1	1	1	1	2	2	3	4	4	3	3	2	2
20	2	1	1	1	0	1	2	2	2	2	2	2	3	3	4	5	5	6	6	6	7	5	3	3	3
21	2	2	2	2	2	2	3	3	3	3	3	3	4	****	****	5	5	5	4	4	4	4	4	3	3
22	4	3	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	2	2
23	2	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	2	3	2	2	2	2	2	1
24	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	4	3	4	3	2
25	3	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	1	1	1	2
26	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
27	0	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	1	2	2	2	1	1	1
28	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	1
29	2	2	2	1	2	3	3	3	2	2	1	1	2	3	1	1	2	2	2	3	4	3	3	3	2
30	2	2	2	2	2	3	3	3	4	2	2	2	****	1	2	3	3	3	4	5	5	5	5	4	3
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	2	2	2	2	3	3	3	3	3	2.0

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE														MONTH - MAY 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	5	4	4	4	4	5	5	5	4	5	5	6	5	4	5	5	5	4	5	5	4	5
2	4	4	4	4	3	2	2	1	2	3	1	1	2	2	2	2	1	2	3	1	1	1	1	1	2
3	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
4	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1
5	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2
7	2	1	1	1	1	1	2	2	2	2	2	2	***	2	2	1	1	1	1	2	2	2	2	2	2
8	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	3	4	3	3	3	2
10	3	3	3	2	2	2	3	6	6	7	6	4	4	4	3	1	1	1	1	1	2	3	6	5	3
11	4	2	1	0	0	2	5	5	4	4	4	3	5	6	4	2	2	2	1	1	1	1	1	1	3
12	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	2
13	3	3	3	1	1	2	3	2	2	2	4	4	3	3	2	2	4	4	6	8	5	5	5	6	3
14	5	6	4	4	4	4	5	5	5	5	6	***	1	1	1	1	2	4	4	4	4	5	4	4	4
15	4	3	3	3	3	2	3	4	5	6	7	5	4	3	3	3	4	5	4	4	6	4	4	2	4
16	2	1	1	1	1	1	2	2	3	3	3	3	4	4	4	6	7	6	3	3	4	4	4	3	3
17	4	2	1	3	2	3	4	3	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	0	2
18	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	2	2	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
20	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	2	2	3	5	4	4	5	3	2
21	2	2	2	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	2	2	2	2	1	1
22	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1
23	2	2	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	1	1	2	1	1	1	2	2	1	1
25	3	3	3	2	2	1	2	3	4	3	2	3	3	3	3	3	3	3	3	2	2	1	1	2	3
26	1	1	1	1	1	1	1	2	4	4	5	5	4	4	4	3	3	3	3	4	4	3	3	2	3
27	2	2	1	1	1	2	2	2	2	1	1	1	3	3	3	4	3	3	3	5	5	3	3	3	2
28	3	3	2	2	2	2	3	4	5	4	4	4	***	4	5	8	8	8	6	6	8	6	7	5	5
29	5	6	5	5	4	4	5	6	5	4	3	5	3	2	2	3	3	3	3	3	4	3	5	4	4
30	4	4	4	4	3	2	2	2	2	2	2	2	2	3	4	3	2	2	3	3	3	3	3	3	3
31	3	3	3	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	2	2	3
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE														MONTH - JUN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	2	2	2	2	3	3	4	4	4	3	4	4	5	4	3	3	3	2	3
2	2	2	2	1	1	2	2	4	4	2	3	3	2	3	2	3	3	2	2	3	3	2	2	3	2
3	2	2	1	1	1	2	2	3	3	2	2	3	3	4	3	3	3	3	4	4	3	3	3	3	3
4	2	2	1	2	2	1	2	4	6	4	2	-	2	2	3	3	2	2	2	4	4	3	3	3	3
5	2	2	2	2	2	2	3	3	3	3	2	3	2	2	1	1	1	1	1	2	3	3	2	3	2
6	3	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	4	3	3	2	2
7	3	2	1	0	0	2	4	2	2	1	1	1	1	1	1	1	2	2	3	4	5	5	4	3	2
8	3	2	2	2	3	4	4	5	4	1	1	1	***	1	1	1	1	1	2	4	4	3	3	3	2
9	3	3	2	2	2	2	3	4	3	2	3	3	2	2	3	4	4	5	4	7	6	7	6	6	4
10	6	6	4	3	3	2	4	4	3	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2
11	1	1	1	1	1	2	4	4	2	1	1	1	***	***	1	1	1	1	1	2	1	2	1	1	1
12	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
13	2	1	1	1	1	1	2	1	2	2	2	2	2	3	2	2	3	5	6	2	4	6	3	2	2
14	2	1	1	1	2	3	3	4	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
15	4	3	1	1	1	2	3	2	2	1	1	***	***	1	1	1	1	1	2	2	2	2	1	2	2
16	1	1	1	0	0	1	1	2	1	1	1	1	1	1	***	***	2	2	2	1	1	2	3	3	1
17	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	2	2	
18	1	1	1	1	1	1	2	6	4	3	3	***	***	***	5	7	8	7	4	7	6	4	3	4	4
19	5	3	2	2	2	2	3	3	3	2	3	3	3	3	2	1	2	1	1	1	1	2	2	2	2
20	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	3	5	4	4	4	4	3	3	2
21	3	2	2	2	2	2	3	3	4	3	3	4	4	4	4	2	4	4	3	4	3	3	3	3	3
22	3	3	2	2	2	2	2	2	2	2	2	4	***	***	2	2	2	3	4	3	4	4	5	5	3
23	5	4	4	4	4	4	4	6	9	10	5	4	***	***	***	5	5	5	5	4	4	4	4	4	5
24	3	3	2	2	2	3	3	5	6	6	4	5	5	4	4	2	2	3	2	2	3	2	2	2	3
25	2	2	1	1	1	2	2	2	2	2	2	***	***	***	1	1	1	1	2	2	2	3	3	2	1
26	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	3	2	1	1	1	1
28	1	2	1	1	1	2	3	3	2	2	2	1	2	3	5	4	4	3	3	3	3	3	3	3	3
29	3	2	2	2	2	3	3	3	4	4	3	3	***	***	***	6	5	4	4	4	4	4	5	4	4
30	4	3	3	4	4	3	4	4	3	3	2	2	2	***	3	3	3	3	2	2	2	3	3	3	3
MEAN	3	2	2	1	2	2	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003

ELMCREST ROAD, ET081COKE

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
2	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	1	1	1	1	1	2	2	3	3	2	1	1	1	2	3	5	3	3	3	3	4	4	2	2
6	2	2	1	1	1	1	1	2	2	3	3	3	3	2	2	1	2	2	2	2	3	4	3	3	2
7	2	2	2	2	1	1	2	2	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	2
8	2	2	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
9	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	2
10	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
11	4	4	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2
12	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	4	5	4	3	2	2
15	3	3	2	2	2	2	2	2	4	5	5	3	2	3	3	4	4	5	4	5	5	5	4	4	3
16	4	4	3	3	3	3	3	4	5	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2
17	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1
18	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	1
19	2	2	2	2	2	2	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
20	1	1	1	0	0	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
21	2	1	1	1	1	2	3	3	3	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2
22	2	2	2	2	1	1	2	2	2	2	2	2	1	1	2	2	3	3	3	2	3	2	2	2	2
23	3	1	2	2	1	1	2	3	4	4	4	4	5	6	6	6	6	6	6	6	6	5	5	4	4
24	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
25	2	2	1	1	1	1	1	1	1	1	1	0	1	1	2	2	3	2	2	2	4	4	4	2	2
26	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	3	3	3	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2
28	2	2	2	1	1	2	2	3	4	5	2	3	3	3	2	3	4	4	4	4	2	2	2	2	3
29	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2
30	2	2	2	1	1	1	2	2	2	2	2	5	4	4	4	3	2	3	3	4	4	6	5	4	3
31	4	4	3	3	2	2	2	2	2	3	4	3	3	3	3	3	1	1	1	1	1	1	1	1	2
MEAN	2	2	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003

ELMCREST ROAD, ET081COKE

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	2	3	2	2	2	1
3	1	1	1	1	1	1	1	2	2	1	1	2	3	3	1	1	1	1	1	2	2	2	1	1	1
4	1	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	2	3	1	1	1	2	1	1	2
5	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1
6	0	0	1	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	2	2	2	1	1	1	0	1	1	1	1	1	3	5	5	4	3	2	2
11	2	2	2	2	2	2	3	3	4	5	5	5	5	5	5	2	2	1	1	3	4	5	5	4	3
12	2	1	1	1	1	1	5	3	2	1	1	2	2	1	1	1	1	1	2	2	2	1	1	1	2
13	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	3	2	3	3	3	3	3	2	2	2
14	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	3	3	3	3	2	2	2	2
15	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1
16	1	1	1	1	1	1	1	2	1	1	1	0	0	0	1	1	1	1	1	3	3	3	2	2	1
17	2	2	2	1	1	2	2	2	2	1	1	1	0	3	1	1	1	1	2	3	3	2	2	2	2
18	2	1	1	1	1	2	2	2	3	3	5	7	5	4	8	9	10	3	3	4	5	4	3	3	4
19	2	3	2	2	2	2	2	4	6	4	4	3	4	6	4	3	4	4	6	6	6	6	5	4	4
20	3	3	2	2	2	2	3	3	3	2	2	3	3	1	1	1	1	1	5	9	8	4	4	2	3
21	3	4	3	3	2	1	3	3	1	1	1	1	1	1	1	1	2	2	2	1	2	4	5	6	2
22	4	4	3	3	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	4	6	6	6	6	3
23	5	3	3	2	2	3	4	4	4	2	2	2	1	1	1	2	1	1	2	2	3	2	2	2	2
24	2	1	2	1	1	1	2	2	2	3	4	3	-	-	3	2	2	2	3	4	3	3	2	2	2
25	2	2	2	2	2	2	2	3	4	5	7	7	6	4	6	5	3	4	4	6	5	5	4	4	4
26	4	3	3	2	2	2	3	3	5	7	6	6	6	6	8	8	5	4	5	7	7	6	4	2	5
27	1	1	1	2	3	2	2	3	3	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	2	2	2	0	1	0	1	1	1	2	2	1	2	2	3	3	2	2	3	2
29	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	2	1	1	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1
31	1	1	1	2	1	1	1	3	2	3	4	2	1	1	1	1	1	2	2	1	1	1	2	2	2
MEAN	2	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	2	2	1.8

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	3	3	4	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2
2	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	3	3	3	3	3	3	3	2
3	2	2	2	1	1	2	2	4	4	2	2	2	***	2	3	3	3	3	3	4	3	2	3	2	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	1	1	2	1
5	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	1	1
6	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	2	3	3	3	2	2	2	1
7	2	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	2	2	1	1	2	3	3	2
8	2	2	2	3	4	4	4	5	6	7	9	-	***	6	6	6	9	11	7	8	8	11	9	7	6
9	6	5	5	4	4	3	3	5	8	5	4	8	5	7	5	6	8	10	9	6	8	8	8	6	6
10	4	2	1	1	1	1	3	2	1	1	1	****	****	****	1	1	1	1	1	1	1	1	1	1	1
11	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	3	3	2	3	3	3	1
12	1	2	2	2	1	1	2	2	1	2	2	3	1	1	1	1	1	2	4	5	6	5	6	6	3
13	5	4	4	3	3	3	3	5	3	2	2	1	1	1	1	1	1	1	2	1	1	2	2	5	2
14	6	4	2	2	2	4	5	6	6	5	9	***	1	1	1	1	1	1	2	2	3	3	4	6	3
15	5	2	3	3	4	4	4	5	5	4	6	8	5	2	3	4	6	4	4	6	5	4	3	2	4
16	3	4	2	2	2	2	3	3	3	3	3	4	4	3	2	4	5	5	5	5	5	6	5	4	
17	3	2	2	1	1	2	3	3	3	****	****	****	3	3	3	3	3	3	3	3	3	3	3	3	3
18	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	3	3	2	2	2	2
19	3	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	3	6	4	2	2	2	2
20	3	2	2	1	3	3	6	5	5	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	2	2	1	****	****	****	2	2	1	3	3	1	1	3	2	2	2	2
22	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	1
23	2	2	3	3	3	3	3	3	3	1	1	2	1	1	1	1	1	1	2	2	2	2	1	1	2
24	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2	3	3	4	4	3	3	3	2	2
25	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	3	2	2	2	3	2	2	2
26	2	2	1	1	1	2	2	2	2	3	3	4	4	3	4	4	4	5	4	4	3	3	2	2	3
27	3	2	1	2	2	3	4	4	3	3	3	3	4	4	5	4	4	4	5	3	2	2	2	1	3
28	2	1	1	1	1	2	2	2	1	2	1	1	0	1	2	2	3	4	4	3	2	2	2	2	2
29	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	3	4	4	4	5	4	3	2
30	3	3	3	2	2	2	2	3	4	5	5	3	2	3	4	5	5	5	5	4	3	3	3	3	3
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	4	4	5	6	5	5	4	4	5	7	7	8	5	5	5	5	5	4	4
2	3	4	3	3	3	2	2	2	4	6	9	9	11	8	6	6	6	7	7	5	5	5	5	3	5
3	2	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	4	5	4	5	3	3	2
4	2	2	2	2	2	2	2	3	6	3	2	3	3	3	3	4	5	5	6	5	5	5	3	3	3
5	3	3	2	2	2	2	3	3	3	2	3	3	****	2	5	6	7	10	9	8	8	7	6	6	5
6	3	1	1	2	1	3	4	5	4	3	3	4	4	4	4	3	4	5	4	1	1	1	1	1	3
7	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1
8	1	1	1	1	1	1	1	2	2	2	2	2	****	1	2	2	2	2	2	2	2	2	2	2	2
9	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1
10	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	1
11	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	3	4	4	3	4	4	3	2
12	3	2	1	1	1	2	2	2	3	3	3	3	3	2	3	4	4	5	6	6	5	5	4	2	3
13	2	2	2	1	2	3	4	3	****	1	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2
14	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	2	2
15	3	2	3	2	2	2	2	2	2	2	2	2	****	1	1	1	2	3	2	2	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	3	3	1	1
17	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2
18	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	2	2	2	2	2	2	3	2	3	3	4	4	4	4	4	4	4	3	2	2	2	2	2	3
21	2	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
22	1	1	1	0	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	1	2	1	1	2	1
23	1	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2
24	4	4	4	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3
25	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	2	2	2
26	2	2	2	2	2	2	2	3	2	2	2	1	-	1	1	1	2	2	3	3	2	2	3	3	2
27	2	2	2	2	2	2	3	3	3	3	2	1	1	1	1	1	2	3	3	3	3	3	2	2	2
28	3	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	2	3	3	3	2
30	3	3	2	2	2	2	3	3	3	3	3	3	3	2	2	3	4	4	4	5	4	4	4	4	3
31	4	4	4	4	3	3	3	3	2	2	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	2	2	2	2	2	1	1	1	1	2	3	3	3	3	3	3	2	2	2
2	2	2	2	2	2	2	2	2	3	4	4	4	3	-	2	2	2	2	2	3	3	3	3	3	3
3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	3	3	3	3	3	3	3	2
4	6	5	4	3	2	3	3	3	4	5	6	5	4	3	2	2	3	2	2	2	1	2	2	2	3
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
6	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2	2	2
7	2	1	1	1	1	0	0	0	1	1	0	0	0	0	1	1	1	2	3	3	3	2	2	1	1
8	1	1	1	0	0	1	2	2	2	1	1	1	0	1	1	2	2	3	3	3	3	2	2	2	2
9	2	2	1	1	1	1	2	2	3	3	2	1	2	2	3	3	3	3	3	3	3	3	3	3	2
10	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	3	3	3	2	3	3	2
11	3	2	1	1	1	2	2	2	3	2	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2
12	3	2	2	2	2	2	3	2	2	2	1	1	1	1	1	2	2	3	3	3	2	2	2	2	2
13	2	2	1	2	1	1	1	1	1	1	1	0	1	0	0	1	1	1	2	2	2	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	2	3	3	3	3	3	3	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	3	4	4	3	4	3	3	3	2
16	3	2	2	2	2	2	2	2	2	2	2	1	1	***	1	2	3	5	5	4	5	5	5	4	3
17	4	4	4	4	3	3	3	3	3	2	2	2	3	3	3	4	4	4	3	2	2	2	2	2	3
18	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	3	2	1	2	3	3	2
19	3	3	3	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2
20	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
21	1	2	2	1	1	0	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1
22	1	1	0	0	0	1	1	1	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
23	1	1	0	0	0	1	1	1	2	1	1	1	1	-	1	1	1	2	2	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	3	3	3	3	3	3	2	3	2
25	2	2	2	2	1	1	2	2	2	3	3	3	2	3	3	3	3	3	3	4	4	4	3	4	3
26	3	3	3	3	3	4	4	3	3	2	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2
27	2	3	3	3	2	2	2	3	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2
28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	1	1	1	0	1	1	1	1	2	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
MEAN	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	2	2	2	3	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	3	3	3	2	2	2	3	3	3	2
2	3	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
3	2	1	2	2	2	2	2	2	3	4	2	2	2	1	1	1	2	2	2	2	3	3	3	4	2
4	4	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	4	4	4	3	4	3	2	2	3
7	3	3	3	3	3	3	3	3	2	3	2	3	2	1	1	1	1	2	2	3	3	3	2	1	1
8	1	1	1	1	1	1	2	2	3	2	3	3	-	3	2	2	2	2	2	2	2	2	1	1	2
9	1	1	1	1	2	1	2	2	2	3	3	3	3	4	5	5	5	4	4	3	3	4	3	3	3
10	3	3	3	3	3	3	4	4	4	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	2
12	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
13	1	0	0	0	1	1	1	2	2	2	1	1	1	1	2	2	2	3	3	3	3	2	2	2	2
14	2	2	2	3	3	3	2	2	2	2	2	2	1	1	1	1	2	1	1	1	2	2	2	2	2
15	2	2	3	2	2	2	2	3	3	2	2	2	2	1	2	3	4	3	4	4	4	6	4	3	2
16	3	4	4	4	4	4	3	3	3	3	3	4	3	3	3	3	3	3	4	4	5	4	4	3	4
17	3	3	2	2	3	3	3	2	2	2	2	2	***	2	2	3	3	2	3	2	2	2	2	1	2
18	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	3	3	4	3	3	3	3	3	4	2
19	4	3	4	3	3	3	3	3	2	3	2	2	3	3	3	4	5	4	4	4	5	4	5	5	4
20	5	5	5	4	4	4	4	4	3	3	3	3	4	2	2	1	2	1	1	1	1	1	0	0	3
21	1	1	0	0	0	0	1	1	1	1	1	***	1	1	1	1	2	2	1	2	1	2	2	1	1
22	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	3	3	2	2	2	2	2	2
23	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	3	3	3	2	2	2	1	2	2
24	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	3	2	3	3	3	3	2
25	3	3	3	3	2	2	2	2	2	1	1	1	2	2	3	3	3	3	3	3	3	3	2	2	2
26	2	1	1	1	2	2	2	2	1	1	1	2	1	1	1	2	3	3	2	1	1	1	0	1	1
27	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	4	3	3	2
28	3	3	2	2	1	1	2	3	3	2	2	2	2	3	3	3	4	3	3	3	3	3	3	3	3
29	4	4	3	4	3	3	3	2	3	3	2	1	1	1	1	1	2	2	1	1	1	1	1	1	2
30	1	2	2	2	2	2	2	3	2	2	2	2	***	1	1	1	3	4	4	3	3	3	2	2	2
31	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	3	2	3	3	3	3	3	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	2.6	4	5
FEB	29	2.5	5	7
MAR	31	2.4	4	7
APR	30	2.0	4	8
MAY	31	2.3	5	8
JUN	30	2.4	5	10
JUL	31	1.7	4	6
AUG	31	1.8	5	10
SEP	30	2.4	6	11
OCT	31	2.3	5	11
NOV	30	1.9	3	6
OEC	31	2.1	4	6
YEAR	361	2.2	6	11

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	98	409	120	0	0	0	0	627
FEB	187	346	156	1	0	0	0	690
MAR	251	320	166	2	0	0	0	739
APR	289	335	82	3	0	0	0	709
MAY	326	255	150	9	0	0	0	740
JUN	231	334	124	8	0	0	0	697
JUL	374	298	59	0	0	0	0	731
AUG	396	244	76	13	0	0	0	729
SEP	269	298	118	20	2	0	0	707
OCT	217	414	92	14	1	0	0	738
NOV	291	392	34	0	0	0	0	717
OEC	229	448	63	0	0	0	0	740
YEAR	3158	4093	1240	70	3	0	0	8564

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.5	0	0.2	0.8	1.5	2.3	3.5	4.2	5.1	5.9	11	2.2



## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	3	3	2	3	3	3	*****
15	3	2	3	3	2	3	4	5	5	4	3	3	4	4	4	4	4	4	5	5	7	3	4	4	4
16	4	3	3	3	2	1	2	2	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
17	2	2	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3
18	3	2	2	1	2	2	3	3	3	3	3	3	4	3	4	4	3	4	5	4	4	5	5	6	3
19	6	5	4	4	4	4	5	4	5	5	4	3	3	3	3	3	4	5	4	4	4	4	4	4	4
20	3	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	2	3
21	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	5	5	5	4	3	3	3	4	3
22	3	1	1	1	0	1	3	4	3	3	3	3	4	3	4	4	5	6	5	5	4	4	4	4	3
23	5	4	4	3	3	3	5	6	6	6	7	7	8	6	****	7	6	6	6	6	5	5	5	5	5
24	3	3	3	2	3	3	4	4	3	3	3	4	4	4	5	5	4	5	5	6	5	6	6	6	4
25	8	7	6	5	5	5	5	5	5	5	5	2	3	4	3	3	3	3	3	2	2	2	2	3	4
26	3	3	2	2	4	5	4	5	5	4	4	4	4	****	8	8	7	6	6	5	4	4	4	4	5
27	2	2	1	1	2	3	6	5	4	4	5	5	5	5	5	6	6	6	5	6	6	6	5	4	4
28	4	3	2	3	2	3	5	5	4	2	2	2	2	****	2	4	4	5	4	4	3	3	3	3	3
29	3	3	2	2	2	3	4	5	4	4	4	4	5	4	4	5	5	5	5	4	5	5	5	5	4
30	5	4	4	4	4	4	6	6	6	6	6	6	5	5	****	5	6	6	5	5	6	6	6	7	5
31	7	7	7	6	6	6	6	7	6	5	6	6	3	3	3	3	4	4	4	2	2	2	2	2	5
MEAN	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	3.9

PERCENTAGE OF DATA VALID - 55.1

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 44.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	2	2	2	2	2	2	2
2	1	1	1	1	1	1	3	5	3	3	****	****	3	4	4	****	****	4	3	3	2	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	4	4	4	4	4	5	5	5	3
4	5	5	4	5	5	3	3	4	****	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	4
5	4	4	4	4	4	4	5	5	5	5	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	6	5	5	4	4	3	4	4	4	4	4	4	3	3	3	3	3	4
7	3	3	2	2	3	3	4	4	4	3	2	2	2	1	1	2	2	1	2	1	1	1	1	1	2
8	2	1	1	1	1	1	2	2	2	2	2	2	3	3	****	4	4	4	4	4	4	4	3	3	3
9	3	2	2	2	3	4	5	7	9	8	5	4	3	3	3	3	3	4	4	4	5	4	4	3	4
10	3	3	3	4	3	4	4	4	4	5	4	4	4	6	5	5	6	6	5	4	4	6	6	5	4
11	4	3	2	2	2	2	4	5	5	5	4	5	5	4	4	5	5	5	4	3	3	2	3	3	4
12	3	5	3	3	3	4	4	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4	3	3	4
13	2	2	3	3	2	4	5	5	5	5	5	5	4	****	4	5	5	4	4	4	3	3	3	3	4
14	4	4	4	3	3	4	3	4	4	3	3	3	3	3	2	3	3	3	3	2	2	3	4	5	3
15	2	3	4	4	4	3	3	4	4	3	3	4	2	2	2	2	2	2	2	3	4	3	2	2	3
16	2	1	1	2	3	3	4	4	4	4	4	4	4	4	3	3	3	2	1	1	0	1	2	1	3
17	2	1	1	1	2	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	2	2	1	3
18	2	2	1	1	1	1	2	3	3	3	3	3	2	2	3	4	3	3	2	3	3	3	3	2	2
19	1	1	1	1	1	2	3	4	3	3	3	4	3	3	4	3	4	3	3	3	3	3	3	3	3
20	3	2	2	2	2	3	4	5	4	4	4	4	4	3	****	4	3	4	5	4	3	3	3	3	3
21	3	4	3	3	4	4	3	3	4	4	3	3	2	2	3	3	2	3	4	3	4	3	3	2	3
22	3	3	2	1	1	1	1	1	1	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2
23	2	1	1	1	1	1	3	4	4	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3
24	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	5	4	5	6	8	7	3
25	9	7	5	4	4	5	5	6	5	4	5	3	3	4	4	3	3	3	4	3	6	3	2	2	4
26	2	8	6	7	8	7	8	12	11	5	4	5	5	4	5	5	5	4	4	3	3	5	7	6	4
27	7	6	5	3	3	4	3	5	5	4	3	3	3	3	4	5	6	6	5	5	4	2	2	2	4
28	2	3	5	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	3	3
29	2	2	3	2	1	1	3	3	2	2	3	4	3	4	4	5	4	4	4	4	4	4	4	4	3
MEAN	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3.3

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033

EVANS/ARNOLD AVE, ETOBICOKE

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	1	1	1	2	3	4	4	4	4	3	3	3	2	3	2	3	2	2	2	2	2	2	3
2	3	2	2	1	2	2	3	3	3	4	3	3	3	3	4	4	4	4	4	4	3	4	4	4	3
3	3	3	2	2	2	2	2	3	3	3	4	3	3	3	3	2	2	2	3	3	2	4	4	4	3
4	4	4	4	4	4	3	3	4	4	3	3	3	2	3	3	3	3	3	2	2	1	1	1	3	3
5	3	2	1	1	3	4	4	6	6	4	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3
6	2	2	2	2	3	3	2	2	2	2	2	2	3	3	2	3	3	3	3	3	4	4	3	2	3
7	2	3	2	1	1	1	2	2	2	2	2	2	***	3	3	3	4	4	4	4	4	4	5	5	3
8	5	3	3	3	3	4	6	5	5	5	4	4	3	3	4	4	4	5	5	5	5	5	5	5	4
9	6	8	8	8	8	8	8	8	4	4	3	3	3	3	3	5	5	5	5	5	6	6	6	6	6
10	5	5	5	5	5	5	5	5	4	4	4	4	4	4	***	5	6	6	6	6	5	5	5	5	5
11	6	5	4	3	4	5	6	6	5	4	4	4	4	4	5	4	5	6	6	6	6	6	7	6	5
12	5	3	3	4	4	3	3	3	3	3	3	3	2	3	3	3	4	3	3	3	4	4	4	4	3
13	4	3	3	3	2	2	2	2	3	4	4	4	3	3	3	3	3	3	4	4	3	4	4	4	3
14	5	5	4	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	4	5	4	4	3	4	3
15	3	3	3	2	3	3	5	6	5	5	5	5	4	5	5	5	5	6	6	6	6	6	6	6	5
16	4	4	2	2	2	2	3	6	5	5	6	6	6	***	6	5	6	6	5	4	4	4	4	4	4
17	4	3	2	2	2	3	5	4	4	4	4	4	***	2	2	2	3	3	3	3	4	4	4	4	3
18	5	4	4	4	5	5	4	5	4	5	4	3	3	3	3	2	4	3	3	3	4	3	3	3	4
19	3	3	3	3	3	3	4	***	6	4	4	4	3	3	4	4	4	4	4	5	7	5	5	4	4
20	5	4	3	3	3	3	4	4	4	3	3	3	3	4	5	4	4	4	4	4	4	4	4	4	4
21	4	3	1	1	1	1	2	3	3	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	2
22	2	1	1	1	2	2	3	3	3	3	4	4	3	***	2	2	2	3	3	4	4	4	2	3	3
23	2	4	4	3	2	2	3	4	4	3	3	3	3	3	3	2	3	3	4	3	3	3	2	3	3
24	2	4	5	5	3	3	4	4	4	3	4	4	4	3	4	5	3	4	5	4	3	2	4	3	4
25	2	1	1	1	2	2	3	5	4	3	3	3	2	3	4	4	4	4	5	5	3	4	5	6	3
26	8	6	4	3	3	4	4	3	3	2	2	3	3	2	3	3	5	5	6	6	7	8	8	6	4
27	6	4	5	7	6	3	3	3	3	2	2	3	4	3	3	2	2	2	1	2	2	1	1	1	3
28	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	2
29	4	5	4	4	2	1	1	2	2	1	2	3	2	3	3	4	4	4	4	3	2	1	1	1	3
30	1	1	1	1	1	1	2	3	3	3	2	2	2	2	3	5	5	5	4	3	3	4	4	5	3
31	5	4	3	2	2	2	2	3	3	3	3	3	2	4	4	4	4	3	3	3	3	3	3	3	3
MEAN	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033

EVANS/ARNOLD AVE, ETOBICOKE

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	2	3	3	3	3	4	4	3
2	2	4	4	3	3	3	4	4	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3
3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	3	2	2	3	3	2
4	4	3	3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2
5	3	2	2	1	2	2	3	3	3	3	2	2	2	3	***	4	5	5	5	5	5	4	4	4	3
6	4	4	3	2	3	4	5	5	5	4	4	3	2	3	3	4	4	3	3	3	3	3	4	6	4
7	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3
8	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3
9	2	2	2	2	2	2	3	3	4	3	3	3	4	3	***	3	3	3	4	5	5	5	6	6	3
10	4	4	4	4	4	4	3	3	3	3	3	3	4	4	3	3	3	3	3	2	2	2	2	2	3
11	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
12	2	3	2	3	3	2	4	3	3	3	2	3	3	3	***	3	4	3	4	4	4	4	4	4	3
13	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4
14	4	5	8	8	8	8	8	8	7	3	3	2	2	2	1	***	***	1	1	1	1	1	1	1	4
15	1	1	1	1	1	1	1	1	1	2	2	2	***	***	***	4	4	3	5	4	6	6	5	3	3
16	5	5	5	2	4	4	4	4	5	3	2	2	2	2	3	3	3	2	3	3	4	6	4	4	4
17	4	3	3	4	4	3	5	4	3	5	4	3	3	3	3	2	2	3	4	6	5	6	6	4	4
18	6	6	6	6	6	6	7	8	6	4	2	2	2	2	2	2	2	2	3	3	6	7	4	3	4
19	5	7	6	5	1	3	6	5	6	4	5	4	3	2	2	4	5	5	6	7	5	4	5	3	5
20	2	2	1	1	1	1	4	4	4	4	3	3	3	4	4	***	7	6	6	8	9	8	5	4	4
21	3	3	4	3	3	3	3	3	3	3	3	3	3	5	6	4	5	3	3	5	5	5	4	2	4
22	4	4	2	4	5	3	3	5	2	2	2	***	***	3	2	3	3	4	5	6	4	3	3	4	3
23	3	2	1	1	1	1	2	3	3	1	2	***	***	2	2	3	5	3	4	3	3	3	3	3	2
24	3	3	3	2	2	2	3	1	1	1	1	1	1	2	2	1	1	3	4	5	5	4	5	4	3
25	4	4	3	2	2	2	2	1	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	1	2
26	1	1	1	1	1	2	3	4	3	2	3	3	3	2	3	3	3	3	2	3	3	3	3	2	2
27	1	1	1	1	1	1	3	3	3	2	2	1	2	2	2	3	2	2	2	3	3	3	2	2	2
28	1	1	0	1	2	2	2	3	2	3	2	2	2	2	2	3	3	3	3	3	3	3	4	3	2
29	3	2	2	2	3	4	4	4	3	3	3	2	4	3	4	5	4	5	4	4	5	5	5	5	4
30	4	4	4	4	5	4	7	6	6	6	5	3	3	3	4	4	3	3	4	4	4	3	3	4	4
MEAN	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3.1

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE														MONTH - MAY 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	3	3	3	5	4	5	4	2	3	3	2	3	2	3	3	5	5	5	4	4	3	4
2	5	5	4	3	3	3	3	2	2	2	2	-	***	2	2	1	1	2	2	1	1	1	1	1	2
3	1	1	1	1	1	2	3	4	3	3	3	2	3	***	2	3	2	2	2	3	2	3	2	2	2
4	1	1	1	1	1	2	3	3	2	3	2	2	3	***	3	3	2	1	1	2	1	2	1	2	2
5	3	4	2	2	3	2	3	4	3	4	3	3	3	2	1	2	1	1	1	1	1	1	2	3	2
6	3	2	1	1	1	3	4	4	3	3	3	3	4	***	3	2	2	2	1	2	3	2	3	2	2
7	2	2	1	1	2	2	3	3	3	4	2	3	3	4	2	4	4	4	3	3	3	3	3	4	3
8	3	2	1	1	2	2	2	2	2	3	3	2	3	2	2	3	2	3	3	3	3	2	2	2	2
9	3	2	1	1	1	1	1	2	3	3	2	2	2	3	4	4	4	4	4	4	5	5	6	6	3
10	6	5	4	5	6	5	6	4	4	4	***	4	5	5	6	3	1	1	2	3	4	2	2	2	4
11	4	3	1	1	2	4	7	6	5	4	4	5	4	***	6	7	2	3	2	2	2	2	2	1	3
12	1	1	1	1	2	4	3	2	3	2	***	2	3	3	2	3	2	2	3	3	4	4	4	4	3
13	4	3	2	2	4	4	4	4	4	4	4	3	3	2	3	5	3	3	3	2	2	2	3	2	3
14	3	7	7	2	3	5	5	6	6	7	6	6	5	5	4	4	3	5	5	5	5	6	5	6	5
15	7	5	6	5	5	4	5	6	5	6	2	2	1	1	2	2	1	2	3	5	4	4	4	2	4
16	1	1	2	2	2	2	3	2	3	4	4	4	4	3	4	3	5	3	2	5	6	4	4	5	3
17	4	4	4	3	2	3	4	5	4	5	3	2	4	3	5	6	6	3	2	2	2	-	2	2	3
18	1	1	1	1	1	3	3	2	2	3	3	3	***	***	2	3	3	3	3	2	2	2	2	2	2
19	2	1	1	1	1	2	3	2	2	2	2	2	3	***	3	3	3	3	2	2	2	2	3	2	2
20	2	1	1	1	2	3	4	4	4	4	3	3	3	4	3	5	5	5	5	***	4	6	7	6	4
21	****	3	2	2	2	2	3	3	3	3	3	3	***	3	3	2	2	2	2	2	3	2	3	2	3
22	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	3	3	2	3	2	2
23	2	2	2	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2
24	2	1	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1	2	3	3	4	3	2	2
25	2	2	3	3	3	4	3	4	2	2	1	1	0	2	***	***	4	4	3	***	3	2	2	2	2
26	****	2	1	1	2	2	3	4	5	6	***	3	4	***	6	4	5	5	5	6	6	4	5	4	4
27	3	3	3	2	2	3	3	4	4	5	5	4	3	4	4	5	4	4	3	3	4	5	5	4	4
28	4	4	4	4	4	4	4	4	5	4	4	3	4	3	4	5	5	4	5	5	7	8	7	6	5
29	4	2	2	4	5	4	4	3	4	3	2	3	2	2	2	1	3	3	3	4	3	2	4	5	3
30	5	5	4	4	4	4	3	2	2	3	2	2	2	3	3	2	2	3	4	5	5	5	4	4	3
31	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	3	4
MEAN	3	3	2	2	2	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE														MONTH - JUN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	3	3	3	3	3	3	2	4	4	4	4	3	4	4	4	4	4	4	5	3
2	4	5	4	3	3	3	4	5	5	3	3	3	3	4	4	4	3	3	3	4	4	4	5	5	4
3	3	3	3	3	3	3	4	5	6	8	8	8	5	5	5	4	3	3	3	3	5	6	6	7	5
4	5	4	3	3	3	4	4	5	4	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5	4
5	4	4	3	3	3	3	4	4	4	4	2	2	2	2	3	2	1	2	2	2	4	5	5	5	3
6	5	5	4	3	2	3	4	4	4	4	4	3	4	4	4	4	4	5	5	5	5	5	5	5	4
7	4	3	3	2	3	4	5	6	5	5	5	5	****	5	6	6	6	6	6	7	7	7	7	6	5
8	5	5	4	4	5	6	6	7	7	6	6	4	4	3	4	6	6	6	6	6	6	6	6	6	5
9	5	5	4	4	4	5	5	5	6	****	6	5	4	6	5	5	4	3	3	4	7	6	4	7	5
10	6	5	3	3	4	5	6	6	6	5	5	4	3	2	3	3	3	4	3	3	4	4	3	3	4
11	2	1	1	2	3	4	5	5	5	4	3	4	4	5	5	5	4	4	4	4	3	3	3	3	4
12	2	2	2	1	2	2	3	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1
13	1	1	1	1	2	2	1	1	2	2	2	2	1	1	1	1	2	3	8	6	4	4	4	2	2
14	3	4	3	4	4	4	4	4	4	4	4	****	****	4	5	3	2	2	2	3	3	3	3	4	3
15	3	6	4	3	4	5	6	6	5	3	4	3	3	3	4	5	4	3	3	4	5	3	2	2	4
16	3	3	1	1	1	2	4	4	3	4	****	****	4	4	3	4	4	4	4	3	3	3	3	4	3
17	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	3	5	6	6	5	3
18	3	3	2	3	3	4	6	7	3	3	3	3	2	3	3	3	2	2	2	2	2	2	2	2	3
19	4	3	3	4	4	4	3	3	3	2	3	2	2	2	2	2	3	3	2	2	2	3	3	3	3
20	3	2	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	5	6	7	8	6	4	3
21	3	3	3	2	3	4	4	3	3	2	2	2	4	2	3	3	3	2	2	2	4	5	5	4	3
22	4	4	3	3	3	3	3	3	3	4	3	4	4	3	3	4	3	3	4	6	7	8	4	3	4
23	5	6	6	6	6	7	8	9	6	3	4	2	3	3	3	3	3	2	2	2	2	6	8	6	5
24	5	5	6	5	4	5	5	7	6	5	6	7	7	5	4	5	4	5	5	4	5	3	2	2	5
25	3	2	2	2	3	3	3	4	3	4	3	4	4	4	5	4	5	5	5	6	5	5	5	4	4
26	3	3	3	2	3	3	3	3	3	2	2	2	1	1	1	2	2	5	4	2	2	4	3	3	2
27	4	4	3	2	2	2	3	2	2	2	2	2	2	1	1	2	1	2	2	2	3	3	3	3	2
28	3	3	2	2	3	5	5	5	4	4	4	5	5	5	****	4	6	5	4	4	4	****	4	5	4
29	2	2	****	4	2	3	4	****	****	4	5	5	****	****	5	5	6	5	4	4	3	4	4	4	4
30	6	7	7	5	4	5	6	5	5	4	3	4	3	3	****	3	2	2	2	3	2	3	2	2	4
MEAN	4	4	3	3	3	4	4	4	4	4	4	4	3	3	3	4	3	3	4	4	4	4	4	4	3.6

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033

EVANS/ARNOLD AVE, ETOBICOKE

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	3	2	2	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	2	2	3
2	2	2	2	2	2	3	3	3	3	3	3	4	4	3	4	4	3	4	4	4	4	3	3	3	3
3	3	2	2	2	2	2	2	2	2	2	3	***	3	3	3	3	3	4	4	4	4	3	4	3	3
4	3	3	3	2	2	2	2	2	3	2	2	2	1	1	2	2	1	2	2	3	4	6	5	3	3
5	3	3	3	3	3	3	4	4	5	7	6	5	4	***	3	3	3	2	3	5	6	6	6	3	4
6	3	3	3	3	2	3	4	3	6	5	5	3	4	2	***	3	2	2	3	6	6	6	6	3	4
7	7	6	6	5	4	7	6	8	4	4	4	4	3	4	3	3	3	4	4	4	4	4	4	5	5
8	3	3	3	2	2	3	3	3	3	3	3	3	2	2	2	3	2	2	3	3	3	3	2	2	3
9	2	2	2	1	2	2	2	2	2	***	4	4	3	2	2	2	2	3	3	3	2	3	5	4	3
10	4	4	4	4	4	4	3	4	4	3	2	2	3	3	3	3	2	3	3	2	2	2	2	4	3
11	5	5	4	3	3	4	4	5	5	4	4	3	2	2	3	3	3	3	3	4	3	3	3	2	3
12	1	1	1	0	1	1	1	1	2	2	***	2	2	2	2	2	2	2	3	2	2	2	2	2	2
13	2	1	1	1	1	2	3	3	3	2	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3
14	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	4	3	4	4	5	4	3	4	3	3
15	3	3	3	3	3	3	4	5	4	4	3	3	3	4	5	5	3	2	3	3	4	3	3	4	3
16	2	3	3	3	4	4	4	5	4	6	5	6	6	6	3	3	3	2	2	3	3	2	2	2	4
17	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
18	2	2	2	2	1	2	2	2	2	1	1	1	1	2	2	2	2	2	3	3	4	4	3	3	2
19	3	3	3	4	4	4	4	4	5	4	4	3	3	3	4	5	5	2	2	2	2	2	2	2	3
20	2	1	1	3	4	4	5	5	5	6	5	5	5	6	6	3	3	3	3	2	4	3	5	5	4
21	4	3	2	2	3	3	4	4	3	3	2	2	2	3	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	2	2	2	1	1	2	***
23	2	1	1	1	2	2	3	3	2	2	2	3	5	5	4	3	3	3	3	4	6	5	3	5	3
24	6	5	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3
25	3	2	2	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	2	2	3	3	3	4	2
26	4	3	2	2	2	2	3	3	3	3	3	2	***	3	3	2	2	2	2	3	3	3	1	1	2
27	2	2	3	3	3	4	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3
28	2	2	2	2	2	2	3	4	4	1	1	1	1	2	2	3	3	3	3	2	2	2	2	2	2
29	1	1	1	1	1	1	2	2	3	2	3	2	3	3	3	4	4	3	3	3	3	3	3	2	2
30	2	2	2	2	2	2	2	2	3	4	6	5	3	3	3	4	3	2	3	3	4	3	3	4	3
31	5	4	4	3	2	2	2	3	3	3	3	2	2	3	3	5	3	3	2	2	2	2	2	2	3
MEAN	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 4.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033

EVANS/ARNOLD AVE, ETOBICOKE

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	***	***	***	***	***	***	***	***	***	***	***	***	2	2	3	3	2	2	2	3	3	3	3	2	***
3	3	3	3	3	3	4	3	3	4	4	4	3	3	3	2	3	3	2	2	2	3	3	3	4	3
4	2	2	2	2	2	3	5	5	5	4	3	3	2	2	3	3	2	2	2	2	4	4	4	3	3
5	2	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
6	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	3	3	3	4	3	3	3	3	2
7	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
8	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2
9	2	2	1	1	1	1	2	2	2	2	2	2	3	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	4	4	***	4	4	4	3	5	7	7	6	5	***
11	***	3	3	3	2	***	***	3	3	3	4	4	5	4	2	2	2	1	3	2	1	1	2	2	3
12	1	2	2	1	0	1	3	3	3	3	3	3	2	3	3	2	2	1	2	3	2	4	3	3	2
13	1	3	3	1	2	1	2	2	3	3	2	2	2	1	4	6	5	5	5	4	4	4	4	4	3
14	2	2	1	1	0	0	1	1	1	1	1	0	0	1	2	1	1	2	2	2	2	2	1	2	1
15	2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1
16	1	0	0	0	1	1	1	2	2	***	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
17	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	2	2	2	2
18	1	1	1	1	1	2	2	3	***	9	7	7	4	3	3	4	3	3	2	3	3	5	6	5	3
19	5	4	4	4	4	4	4	6	4	3	4	3	4	4	4	4	2	3	4	3	5	5	5	6	4
20	6	5	5	4	4	4	5	6	7	***	5	4	4	3	4	3	3	4	3	5	7	8	7	5	5
21	8	6	5	3	2	5	6	6	6	4	3	3	2	2	2	2	2	2	2	4	8	7	7	7	4
22	6	5	5	3	3	5	5	4	3	2	2	2	2	2	2	2	3	4	6	6	7	7	6	6	4
23	5	4	3	2	3	5	5	6	5	-	5	4	3	4	4	3	3	4	4	4	3	3	3	3	4
24	2	2	2	2	2	2	3	3	2	2	2	3	***	3	***	***	***	3	3	***	***	4	4	4	3
25	4	4	3	3	4	***	***	***	8	***	***	6	5	5	5	5	5	4	6	6	5	5	5	6	5
26	6	6	5	5	5	5	6	7	9	9	7	6	6	7	7	8	7	5	6	6	4	4	4	4	6
27	4	5	5	4	3	3	3	3	3	3	4	3	3	3	3	2	2	3	3	3	2	3	3	2	3
28	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	2	4	3	4	4	4	3	3	3	2
29	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2
30	1	1	1	1	1	1	2	2	2	2	***	***	***	3	3	3	3	3	2	2	2	2	3	2	2
31	2	2	2	2	2	2	2	3	5	5	4	3	3	3	2	2	2	2	3	4	3	4	4	5	3
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	2.9

PERCENTAGE OF DATA VALID - 89.1

PERCENTAGE OF DATA INVALID - 10.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	2	3	4	4	4	5	5	4	4	3	3	4	4	3	3	3	3	2	2	2	2	2	3
2	2	2	2	2	2	2	3	3	4	4	2	2	2	3	3	3	2	2	3	4	5	5	5	4	3
3	5	4	4	4	3	3	4	5	5	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3
4	3	3	1	1	1	1	1	2	2	3	3	3	3	4	4	4	3	4	4	4	4	3	3	2	3
5	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	1	1	2	2	2	2	2	2	2	2	1	1	1	2	3	3	4	4	3	3	3	2
7	3	3	2	2	2	3	3	4	-	3	3	4	4	5	5	5	5	3	3	3	3	4	6	6	4
8	6	6	5	5	5	5	6	6	7	9	12	8	5	6	7	7	6	4	5	5	5	10	12	9	7
9	10	10	8	8	7	7	6	7	9	4	5	5	4	4	5	5	5	4	3	5	9	11	10	9	7
10	6	2	2	2	2	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	2	2	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
12	4	4	4	3	3	3	3	3	3	3	3	3	2	4	4	4	4	6	7	7	7	7	6	7	4
13	6	6	6	6	5	6	7	7	9	9	9	5	3	***	5	5	5	5	5	4	4	5	7	6	6
14	6	5	4	5	5	5	6	6	8	8	8	7	6	5	5	5	6	6	6	6	5	5	4	3	6
15	5	6	6	6	6	6	6	6	8	7	8	8	7	7	7	6	6	4	8	9	10	10	5	5	7
16	7	6	2	2	2	2	3	3	3	3	3	3	2	3	4	5	5	4	5	6	6	6	6	6	4
17	5	2	2	2	2	3	4	4	4	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
18	4	3	3	3	2	2	3	3	3	3	3	4	4	4	5	5	5	4	5	5	4	4	3	3	4
19	3	3	3	2	2	2	3	3	3	3	2	2	2	2	3	3	3	4	5	5	6	4	4	4	3
20	2	2	2	4	5	4	5	5	5	5	5	4	4	3	2	2	2	2	2	2	2	2	2	2	3
21	1	1	1	1	2	2	2	3	3	2	2	2	2	3	3	4	4	4	3	3	3	3	2	2	2
22	2	2	1	1	1	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3	3	3	3	3	2
23	3	3	3	3	3	3	3	4	4	3	3	4	3	3	3	3	3	3	3	3	3	3	2	2	3
24	2	2	2	2	3	3	4	3	3	2	3	3	***	3	3	3	3	3	4	4	4	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4	5	6	3	3	3	3	3	3	3
26	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	5	5	5	4	5	4	4	3	3	3
27	3	2	2	2	3	3	4	4	4	4	4	3	***	3	5	4	4	4	4	5	4	3	3	2	3
28	2	2	2	1	2	2	3	3	3	3	3	3	***	***	4	4	4	4	5	5	4	3	3	3	3
29	3	2	2	2	3	3	3	3	3	3	3	3	2	3	4	5	5	6	6	6	6	5	5	5	4
30	4	4	3	3	3	4	4	5	6	6	3	2	2	3	4	4	4	3	4	5	6	6	6	6	4
MEAN	4	3	3	3	3	3	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	4	4	5	5	6	6	5	4	5	4	3	5	7	6	5	4	5	5	5	5	6	5
2	5	5	5	5	6	6	6	6	7	10	8	8	7	5	5	5	6	7	7	7	7	8	8	7	7
3	6	5	4	4	3	4	4	4	4	4	3	2	2	1	2	2	3	3	5	6	6	6	6	5	4
4	5	4	4	3	4	4	6	6	4	3	3	2	3	2	3	4	5	5	6	7	7	7	6	6	5
5	6	5	5	5	5	4	4	4	4	4	4	4	6	4	4	4	4	3	4	4	3	4	5	5	4
6	4	3	2	3	3	3	4	4	4	3	3	3	3	4	4	4	4	3	3	2	2	2	2	1	2
7	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
8	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	3	3	3	3
11	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	4	4	4	4	3	3	3
12	4	4	5	5	4	4	5	5	4	4	4	4	5	5	5	5	5	6	6	5	4	4	5	5	5
13	3	4	4	3	4	4	4	5	5	5	5	4	4	4	5	5	5	4	4	4	4	4	4	3	4
14	2	2	2	1	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
15	3	3	3	2	2	2	3	3	2	2	3	2	3	3	4	3	3	3	3	2	2	2	2	2	3
16	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2
18	1	1	1	1	1	1	2	2	1	2	-	2	2	2	2	3	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	2
20	2	1	2	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	1	1	2
21	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	1	2	1	1	2
22	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1	1	2	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	3	2	3	2	2
24	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	1	2	1	1	3	3	3	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
31	2	2	2	2	2	2	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	3	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2.5

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO. 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
6	1	1	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	0	0	1
14	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	1	1	1	1	1	1	0
15	1	1	1	1	1	1	1	1	1	1	****	0	****	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	4	3	4	4	3	2
18	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	2	3	3	3	3
19	4	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	4	3	3	3	3	3	3
20	3	3	3	2	2	2	2	3	3	3	3	4	3	4	4	4	4	4	4	4	4	3	3	3	3
21	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2	3	4	4	3	4	3	3	2	2	3
22	2	2	2	2	2	2	3	3	4	4	3	3	3	3	3	4	4	3	3	3	2	2	2	2	3
23	2	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
24	2	1	1	1	2	2	2	3	3	3	2	2	3	3	3	3	3	4	4	4	3	3	3	3	3
25	3	2	2	2	2	2	2	3	3	3	4	2	3	3	3	4	4	4	4	4	4	4	4	4	3
26	4	4	3	4	4	4	3	4	4	4	4	4	4	4	4	4	5	4	4	3	3	3	4	4	4
27	3	3	2	2	2	2	3	2	2	2	3	2	2	4	4	4	3	3	4	3	3	2	2	2	3
28	2	2	2	1	1	1	1	1	2	2	2	2	4	4	4	3	3	4	3	4	3	3	3	3	2
29	2	2	1	1	1	1	3	4	3	3	2	2	****	2	2	2	2	2	2	2	2	1	1	1	2
30	2	2	1	1	1	2	2	2	2	2	1	1	2	****	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	4	3	3	3	4	2	3	3	3	3	3	3	4	4	3	3
4	2	2	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
5	2	2	2	2	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2
6	3	3	3	3	3	3	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	3	2	2	3
7	3	3	3	3	3	3	4	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	2	2	2	2	2	3	3	4	4	4	4	4	5	4	4	4	5	4	4	4	4	4	4	4
9	3	3	3	3	3	3	3	3	4	4	4	4	5	5	4	4	4	4	4	3	4	4	3	4	4
10	4	4	3	4	4	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
11	2	2	2	1	1	2	2	2	2	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3	2
12	3	3	3	3	3	3	2	3	2	3	-	2	2	2	2	2	2	2	2	2	2	2	2	1	2
13	1	1	0	0	0	0	0	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2
14	3	2	3	3	3	3	3	3	3	3	3	2	3	3	2	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	4	4	4	5	5	6	5	****
16	6	5	4	4	4	5	5	5	4	4	4	4	4	4	5	5	4	4	4	3	4	4	4	4	4
17	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	4	3	3
18	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	3	3	4	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	4
20	4	4	4	4	4	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	3
21	2	2	2	2	1	2	2	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	2	2	2	2	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
23	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3	3	2	2	2	2	2
24	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	2
25	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
26	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	2	2	1	2	2
27	1	1	1	0	0	1	1	1	2	2	2	2	1	1	1	2	1	2	2	3	3	3	3	2	2
28	2	2	2	2	2	1	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
29	4	4	4	4	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	2	2	2	3
30	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3
31	3	3	3	3	3	3	2	2	2	2	2	2	4	4	4	4	4	3	3	3	3	3	3	3	3
MEAN	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 3.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	3.9	5	8
FEB	29	3.3	6	12
MAR	31	3.4	6	8
APR	30	3.1	5	9
MAY	31	3.0	5	8
JUN	30	3.6	5	9
JUL	29	2.9	5	8
AUG	27	2.9	6	9
SEP	30	3.7	7	12
OCT	31	2.5	7	10
NOV	30	1.8	4	5
DEC	29	2.8	4	6
YEAR	344	3.0	7	12

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	13	164	218	15	0	0	0	410
FEB	55	338	278	14	2	0	0	687
MAR	46	368	310	14	0	0	0	738
APR	66	410	214	17	0	0	0	707
MAY	101	381	231	10	0	0	0	723
JUN	42	323	314	27	0	0	0	706
JUL	54	488	167	4	0	0	0	713
AUG	110	372	157	24	0	0	0	663
SEP	28	388	249	46	3	0	0	714
OCT	188	391	146	16	0	0	0	741
NOV	395	242	74	0	0	0	0	711
DEC	36	558	124	0	0	0	0	718
YEAR	1134	4423	2482	187	5	0	0	8231

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.7	0	0.7	1.7	2.4	3.1	4.6	5.4	6.3	7.0	12	3.0

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
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19																									
20																									
21																									
22																									
23																									
24																									
25	1	1	1	1	1	1	2	4	3	1	1	1	1	1	1	1	1	2	2	2	3	3	2	1	*****
26	****	****	2	2	1	1	3	1	0	1	1	1	0	0	1	1	1	0	1	4	3	1	4	4	2
27	4	4	4	4	4	4	3	2	1	1	1	2	1	1	2	2	2	2	0	1	1	0	0	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	4	4	4	1
29	3	3	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	2	4	5	4	4	5	1
31	4	1	2	1	1	2	2	2	2	3	3	2	2	1	2	2	2	2	3	2	3	3	1	2	2
MEAN	2	2	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	3	3	2	2	2	1.5

PERCENTAGE OF DATA VALID - 23.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 75.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	3	2	2	3	2
2	2	3	2	2	2	2	3	3	3	1	1	0	****	1	1	1	1	1	2	3	3	3	3	2	2
3	2	2	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	1
4	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1
5	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	3	3	3	4	3	3	2
6	3	3	3	2	2	2	2	2	1	1	1	0	****	0	1	1	1	2	2	3	3	2	3	4	2
7	4	3	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	3	2	1	2	2	2
8	1	1	1	1	1	2	2	1	1	1	0	0	1	1	1	1	1	1	2	3	3	2	2	2	1
9	1	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
18	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	5	8	8	6	4	2
19	5	5	3	1	2	4	4	3	3	2	2	1	1	1	1	1	1	2	3	4	5	6	6	5	3
20	4	2	1	1	1	1	1	2	2	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	****
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 3.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	2	1	2	2	2	1	1	1	3	3	2	2	2	1	1	1	1	1	1
12	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	1	2	4	1
15	4	2	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	1	1	1	2	2	0	0	1	2	3	1	0	0	0	0	0	0	0	1	2	3	2	1	0
27	3	3	3	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	1	1	7	5	4	3
28	3	3	3	3	3	3	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0.3

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	0	0	0	0	1	1	2	2	0	0	0	*****
2	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0
4	4	4	3	3	3	3	3	2	1	1	1	*****	0	0	0	0	0	0	0	0	1	0	0	1	1
5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
6	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	0
7	2	1	1	1	1	3	3	2	1	1	1	1	1	0	0	0	0	0	0	0	0	2	0	0	1
8	0	0	2	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
9	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	0	0	0	0	*****	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	2	2	1	1	1	1	1	2	3	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	*****
15													- DATA INVALID -												
16													- DATA INVALID -												
17													- DATA INVALID -												
18													- DATA INVALID -												
19													- DATA INVALID -												
20													- DATA INVALID -												
21													- DATA INVALID -												
22													- DATA INVALID -												
23													- DATA INVALID -												
24													- DATA INVALID -												
25													- DATA INVALID -												
26													- DATA INVALID -												
27													- DATA INVALID -												
28													- DATA INVALID -												
29	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1	1	1	1	1	1	1	3	4	3	1	*****
30	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
MEAN	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0.5

PERCENTAGE OF DATA VALID - 47.8

PERCENTAGE OF DATA INVALID - 48.9

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 44010					1298 REBECCA ST OAKVILLE										MONTH - JUL 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
3	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1			
4	****	****	****	****	****	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	3	4	3	3	1			
5	2	2	2	2	2	2	1	2	1	1	2	1	1	1	1	1	1	1	1	2	3	5	4	3	2			
6	2	2	2	2	2	2	2	3	3	3	2	2	2	1	1	1	1	1	2	2	3	4	3	3	2			
7	3	2	2	2	2	3	3	3	3	2	2	2	1	1	1	1	2	2	3	3	4	4	3	2	2			
8	3	2	2	2	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1			
9	2	1	1	1	1	1	2	2	2	2	2	2	1	0	1	1	1	1	1	1	2	3	3	3	2			
10	3	2	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2			
11	3	3	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
12	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1			
13	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1			
14	2	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	1	1	2	1	1	2	2	2			
15	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	4	2			
16	3	2	2	2	1	2	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2			
17	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1			
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	1			
19	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1			
20	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1			
21	1	1	1	1	1	1	2	2	2	1	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1			
22	1	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1			
23	0	0	1	1	1	1	1	2	1	1	1	****	2	1	1	1	1	1	1	2	4	4	5	4	2			
24	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	2	2	2	1			
25	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1			
26	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	2			
27	1	1	1	1	1	2	3	2	2	1	1	1	2	2	1	1	1	1	1	2	3	2	2	2	2			
28	1	1	1	1	1	1	2	3	3	4	1	1	0	0	0	0	0	0	0	0	0	1	1	0	1			
29	0	1	1	0	0	1	1	0	0	0	1	0	1	1	2	2	3	2	2	1	1	2	2	1	1			
30	1	1	1	1	1	1	1	2	2	****	2	1	1	1	1	0	0	0	1	1	3	5	5	3	2			
31	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1			
MEAN	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.3			

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 44010										1298 REBECCA ST OAKVILLE										MONTH - AUG 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN						
1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	1						
2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	2	1	1						
3	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2						
4	1	2	2	2	3	2	3	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2						
5	1	1	1	1	1	1	2	2	1	1	1	***	1	1	2	3	2	2	2	2	2	1	1	1	1						
6	1	0	0	0	1	1	1	1	2	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	1						
7	2	2	1	1	1	2	2	1	0	0	0	0	0	0	0	0	2	1	1	1	1	3	3	2	1						
8	2	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1						
9	1	1	1	1	1	1	1	2	2	1	1	1	****	2	2	3	3	3	3	4	2	2	2	2	2						
10	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1						
11	2	2	2	2	2	2	2	2	2	3	2	****	1	1	1	1	1	1	2	3	2	2	2	2	2						
12	3	2	2	1	2	2	2	2	2	2	1	2	****	2	2	2	2	2	2	2	2	2	2	2	2						
13	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	2	2	2	3	4	3	3	2						
14	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1						
15	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1						
16	1	1	1	0	1	1	1	1	1	1	0	0	****	1	1	1	1	1	1	2	2	2	2	2	1						
17	1	1	1	1	1	1	1	2	2	****	****	****	****	1	1	2	2	2	2	3	4	4	3	2	2						
18	1	1	1	1	2	2	3	3	5	6	5	1	1	1	1	1	1	1	1	3	5	5	5	4	3						
19	4	4	3	3	3	3	3	4	4	4	4	2	1	1	1	1	1	1	1	1	5	4	5	4	3						
20	3	3	3	3	3	4	4	5	6	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****						
21	- DATA INVALID -																														
22	- DATA INVALID -																														
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	1	4	3	2	2	2						
24	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	4	3	3	3	1						
25	3	3	2	2	2	2	2	3	4	5	6	****	4	2	1	1	1	1	1	3	5	5	4	4	3						
26	4	4	4	4	4	3	4	4	5	6	6	4	****	4	6	7	5	4	2	2	3	4	4	3	4						
27	3	2	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1						
28	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	5	3	2							
29	2	1	1	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1						
30	1	1	1	1	1	1	1	2	1	0	0	0	1	****	1	1	1	1	2	3	2	2	2	2	1						
31	1	1	1	1	1	1	1	2	4	3	3	2	1	1	1	1	2	2	2	3	3	3	2	1	2						
MEAN	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3	3	3	2	1.6						

PERCENTAGE OF DATA VALID - 88.3

PERCENTAGE OF DATA INVALID - 11.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	4	5	4	3	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****
2	2	2	2	2	3	4	5	4	3	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	1	1	2	1	1	1	2	3	2	2	2	2	1	1	1	1	1	2	3	4	4	2	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	3	3	3	3	2
7	3	3	2	2	2	2	3	3	2	3	3	2	1	1	1	1	2	2	4	3	3	2	2	2	2
8	2	2	2	2	3	4	5	5	4	4	4	4	3	2	1	2	2	2	2	3	6	9	7	6	4
9	7	5	5	5	5	5	5	6	2	2	2	1	1	1	1	1	1	1	3	5	5	4	6	4	3
10	0	0	0	0	1	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1
11	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	3	3	3	3	2	2	1
12	2	2	2	1	1	1	2	2	2	2	1	2	1	1	1	1	1	2	4	7	5	3	3	2	2
13	1	1	1	1	2	2	3	4	2	2	1	1	1	1	1	1	1	1	3	6	7	3	4	4	2
14	4	6	6	4	5	6	5	5	5	4	4	2	1	1	1	1	1	1	6	7	5	5	3	4	4
15	3	2	1	2	2	4	4	4	4	6	6	1	****	****	3	2	2	2	6	9	7	4	3	5	4
16	3	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1
17	1	1	1	0	0	1	2	2	1	1	1	0	1	1	1	1	1	1	2	2	3	2	3	3	1
18	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	5	3	2	1	1	1	1
19	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	3	6	5	6	4	3	2	2
20	2	1	1	1	1	1	3	3	2	4	4	1	****	2	2	1	1	1	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	1
22	1	1	1	1	2	1	2	1	1	1	1	1	****	1	1	1	2	2	2	3	3	3	3	3	2
23	3	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	2	3	2	2	2	1	2
24	1	1	2	2	2	2	2	2	1	1	1	****	1	1	1	1	0	1	1	3	3	3	3	3	2
25	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	2	2	4	5	2	2	2	2	2	2
26	2	2	2	2	2	3	2	2	2	1	1	2	1	1	1	2	2	5	4	3	3	3	2	2	2
27	2	2	2	2	2	2	3	3	3	3	3	2	****	0	0	0	0	0	3	4	3	3	1	1	2
28	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	3	3	3	2	2	2	2
29	2	2	2	2	2	2	3	3	2	2	1	****	1	1	1	2	2	4	5	5	4	5	5	4	3
30	2	2	2	2	2	3	3	3	3	5	4	2	1	1	0	0	0	1	3	4	3	3	3	3	2
MEAN	2	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	2	3	4	3	3	3	2	2.1

PERCENTAGE OF DATA VALID - 92.2

PERCENTAGE OF DATA INVALID - 7.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	4	5	5	5	6	4	3	1	1	1	1	2	1	1	1	1	2	1	2	3	3
2	3	3	3	3	4	3	3	3	4	6	8	5	1	1	1	1	2	2	2	4	5	4	4	3	3
3	3	3	4	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2	5	5	4	4	4	4	3
4	3	3	3	4	4	4	3	4	4	4	4	1	1	1	1	1	1	1	3	5	5	4	5	4	3
5	4	3	3	3	3	3	3	3	4	3	3	1	1	1	1	1	1	1	2	4	6	7	5	4	3
6	4	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2	1	1	1	2
7	0	0	0	0	0	1	1	2	2	2	1	****	1	1	2	2	2	2	3	3	2	2	2	1	1
8	1	1	1	1	1	1	1	1	2	2	2	2	****	3	3	3	3	3	4	3	2	2	2	2	2
9	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	2	2
10	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2
11	3	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	3	3	4	3	2
12	2	2	2	2	2	2	2	2	3	4	4	4	3	2	3	3	2	2	3	3	4	6	4	1	3
13	2	2	2	2	2	3	4	4	4	3	2	1	1	1	2	3	2	2	2	2	3	2	2	1	2
14	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	1	1	1
15	1	1	2	1	1	2	2	3	3	2	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1
16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1
17	2	2	2	2	2	2	1	1	1	1	1	1	2	2	1	2	1	1	1	2	2	2	2	1	2
18	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
19	2	2	2	****	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	3	2	1	1	1
20	1	1	1	2	3	2	2	2	2	2	2	3	4	3	3	3	4	4	4	4	3	3	2	2	3
21	1	1	1	1	1	2	2	2	2	1	0	****	1	1	1	1	2	2	2	2	1	1	1	1	1
22	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
23	1	2	1	1	1	1	2	2	2	2	1	1	1	1	1	2	3	3	4	5	3	3	4	4	2
24	4	4	3	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2
25	2	2	2	1	1	2	2	2	2	2	3	3	3	3	2	2	3	3	2	2	3	3	2	2	2
26	2	2	2	2	2	2	3	3	2	3	3	3	3	2	1	2	2	2	2	2	2	2	3	3	2
27	2	2	2	2	2	2	3	3	3	2	1	****	1	1	1	2	3	3	3	3	3	3	2	2	2
28	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2	2	3	4	4	3	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	6	5	5	4	4	3	3	3
30	3	4	4	4	3	3	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4
31	4	4	4	4	4	4	3	3	2	2	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	3	3	3	3	2	2	2.1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	1	1	2	2	2	2	2	1	1	-	1	1	1	2	3	4	3	3	3	3	3	2
2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	1	2	3	4	4	4	4	3	3	3	3
4	3	3	3	1	1	2	3	3	3	4	3	2	2	****	2	2	2	3	3	3	3	3	3	3	3
5	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	3	2	3	2	2
6	2	2	2	2	1	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	3	3	3	2	2
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
8	1	1	1	1	0	0	1	2	2	1	1	1	****	1	1	1	2	2	2	3	3	3	3	3	2
9	3	3	3	3	3	3	2	2	1	1	2	2	3	3	3	3	3	4	4	4	4	3	3	3	3
10	3	3	3	3	3	2	3	3	3	2	1	1	2	1	2	2	2	3	3	3	3	2	2	2	2
11	2	3	2	2	2	3	3	3	3	2	1	1	1	1	1	2	2	3	4	4	4	4	3	3	2
12	2	2	2	2	2	2	2	3	3	2	2	1	1	1	1	1	2	2	3	3	3	2	2	2	2
13	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	3	2	2	2	2	1	2
14	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	3	3	3	4	4	3	3	2
15	3	3	3	3	3	3	2	2	2	2	2	2	1	****	2	2	4	5	5	4	5	4	4	3	3
16	4	3	3	3	3	3	3	3	3	3	3	****	3	3	3	3	4	5	6	5	6	5	5	5	4
17	5	5	5	5	5	5	5	5	5	5	4	4	4	4	5	5	4	4	5	4	3	5	3	2	4
18	2	2	3	3	3	3	3	3	3	2	2	2	****	2	2	3	3	4	3	4	3	2	2	3	3
19	3	2	2	2	2	3	3	3	2	2	2	1	****	1	1	2	2	2	2	2	2	2	2	2	2
20	2	2	1	1	1	1	1	2	1	2	1	1	1	1	1	2	2	2	3	1	2	1	1	2	1
21	2	1	1	1	2	1	2	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1
22	0	0	0	0	0	0	1	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
24	2	1	1	1	1	1	2	3	3	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	2
25	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3	3	3	3	4	3	3	3	3
26	4	4	4	4	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
27	2	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2
28	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	0	0	1	1	1	2	1	1	1	1	1	****	1	1	2	2	2	2	1	2	1	1
30	2	2	1	1	2	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	3	2	2	2.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	3	3		3	3		3		1	1	2		3	3	3	3	3		3	3	3	3
2	3	2		3	3	2	2	2	2	3	3	2	***	1	1	1	2	3	4	3	3	3	3	2	2
3	2	1	2	2	3	3	3	3	3	3	8	7	4	3	2	3	4	3	4	3	3	3	3	2	3
4	1	1	1	1	2	1	1	1	1	1	3	4	5	3	3	3	4	4	4	4	4	4	4	3	3
5	3	2	2	2	2	1	1	2	2	2	2	2	1	2	2	3	4	4	4	4	4	4	4	4	3
6	3	3	3	3	2	2	2	2	2	2	2	2	2	3	***	3	3	3	5	5	4	2	2	2	3
7	2	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	2	3	3	3	2	2	3	3	2
8	2	1	1	1	0	1	2	3	3	2	3	3	3	4	4	4	4	4	4	4	5	4	4	2	3
9	1	1	1	1	1	1	2	3	4	3	3	4	5	6	7	6	5	6	5	3	4	4	4	3	3
10	3	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	5	4	3	2	2	2	1	1	3
11	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	2	3	2	3	2	3	2	3	2	2
12	3	3	4	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	2	2	2	1	1	3
13	1	0	0	0	0	0	1	2	1	2	2	2	2	1	1	2	2	4	3	4	4	4	4	4	2
14	4	3	4	3	3	3	3	3	3	3	2	2	***	3	3	3	4	4	4	4	3	3	2	3	3
15	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	4	4	5	4	5	4	5	4	4	4
16	4	4	4	4	4	4	4	4	5	5	5	5	5	5	6	5	5	4	5	5	5	6	5	5	5
17	5	3	3	4	4	4	4	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	3
18	2	2	1	1	1	1	1	2	2	1	1	2	2	1	1	2	1	1	1	2	2	2	2	2	2
19	3	3	5	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	4
20	5	5	5	5	4	4	4	4	4	4	4	4	3	2	1	1	1	1	1	1	1	1	1	1	3
21	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	4	4	4	2
22	4	2	1	1	1	2	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	2	2	3	2	3	3	3	2	2	2	2	2	2	2	3	4	4	3	2	2	2	2	3
24	2	2	1	1	2	2	3	3	3	3	2	2	2	2	2	3	3	2	3	2	3	4	4	3	2
25	4	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
26	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	2	1	3	2	1	1	1	1	1	1
27	1	3	2	1	0	0	0	2	2	1	1	1	2	2	2	2	2	2	2	3	4	4	4	4	2
28	4	2	1	1	1	2	4	3	1	1	1	4	5	5	5	5	4	3	4	4	4	4	4	4	3
29	4	4	4	3	2	2	2	3	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2
30	2	2	3	3	3	3	3	3	3	3	2	2	3	2	***	3	4	4	5	4	3	3	3	3	3
31	3	3	2	1	1	1	2	2	2	2	2	2	1	1	2	1	2	2	2	3	3	3	3	2	2
MEAN	3	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	N.O OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR	7	1.5	2	5
APR	29	0.6	3	8
MAY	30	0.3	2	7
JUN	13	0.5	1	4
JUL	31	1.3	2	5
AUG	27	1.6	4	7
SEP	27	2.1	4	9
OCT	31	2.1	4	8
NOV	30	2.2	4	6
DEC	31	2.6	5	8
YEAR	256	1.5	5	9

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	103	46	26	0	0	0	0	175
APR	582	95	16	2	0	0	0	695
MAY	690	40	8	1	0	0	0	729
JUN	305	33	6	0	0	0	0	344
JUL	510	211	14	0	0	0	0	735
AUG	375	226	55	1	0	0	0	657
SEP	295	280	60	9	0	0	0	664
OCT	261	386	90	2	0	0	0	739
NOV	221	430	60	0	0	0	0	711
DEC	154	419	164	3	0	0	0	740
YEAR	3466	2166	519	18	0	0	0	6189

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT						MAX	ARITH MEAN
				50	70	90	95	98	99		
84.3	0	0.0	0.1	0.8	1.6	2.9	3.7	4.5	5.0	9	1.5

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	1	1	0	1	1	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1
2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	3	4	4	3	3	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	3	3	3	3	2	2	3
4	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
5	1	1	1	1	1	2	2	3	3	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	2
6	3	3	3	3	3	2	3	4	3	3	4	3	3	2	2	3	3	4	3	3	3	3	3	3	3
7	3	3	2	2	3	3	2	3	3	3	2	.....	.....	.....	.....	.....	2	2	1	1	1	1	1	1	2
8	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	2	4	4	4	3	3	3	4	3	2
9	3	3	3	3	3	3	3	3	3	3	2	3	3	4	4	3	4	4	4	3	2	2	1	1	3
10	1	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	2	3	3	3	3	4	3	3	2
11	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	2	2	-	-	-	-	-	-	-	3	3	3	3	4	4	3	3	2
13	3	2	2	2	3	3	3	3	3	3	2	2	....	3	3	3	4	4	4	3	3	3	2	2	3
14	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	3	3	2	2	1	1	2
15	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	4	4	3	2
16	3	3	2	2	2	1	1	2	3	2	2	2	2	....	2	2	2	3	3	2	2	1	1	1	2
17	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2
19	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	4	6	5	4	4	4	3
20	4	4	3	3	3	3	3	3	3	3	3	4	4	5	6	5	5	4	3	3	2	2	1	1	3
21	1	1	1	1	2	3	3	3	3	3	....	....	2	2	3	3	3	3	3	3	3	3	3	1	2
22	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2
24	3	3	3	3	3	3	3	3	2	2	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2
25	3	3	2	3	3	2	2	2	2	2	2	2	3	2	3	2	3	2	2	2	1	1	1	1	2
26	1	1	1	1	2	2	2	3	3	3	4	4	4	4	5	4	4	5	4	4	3	4	4	4	3
27	3	1	1	1	1	1	1	2	2	2	1	1	1	2	1	2	2	2	2	2	1	2	1	2	2
28	1	1	1	1	1	1	1	2	2	1	1	1	1	1	-	1	2	3	4	3	3	3	3	3	2
29	3	2	2	2	2	2	2	3	3	3	3	3	4	2	2	2	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1
31	2	2	2	2	2	2	3	3	2	3	4	3	3	3	2	3	3	3	3	3	3	3	3	4	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GON RIDEAU/WURTEMBERG ST, OTTAWA

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	2	2	2	3	2	2	2	3	4	4	3	4	3	4	4	4	3	2	3
2	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
3	1	1	1	1	1	2	2	2	3	2	2	1	2	2	2	2	3	3	3	3	4	3	3	3	2
4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	....	....	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	2	3	3	4	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	2
6	3	3	2	2	3	3	3	3	3	4	4	2	1	1	1	1	2	3	3	4	4	4	4	3	3
7	3	2	1	1	0	0	1	1	1	1	1	1	1	1	1	2	2	3	2	2	3	3	2	2	2
8	2	2	2	2	1	2	2	2	2	2	2	2	2	1	1	2	2	2	3	3	3	4	3	3	2
9	2	1	2	2	1	2	2	3	2	2	2	2	2	2	3	3	4	5	4	3	3	3	4	4	3
10	4	3	3	2	2	2	3	4	4	4	4	3	3	3	4	5	5	4	4	3	4	5	6	5	4
11	5	4	2	1	1	1	1	2	2	1	0	....	1	1	1	1	3	3	2	2	1	1	1	1	2
12	0	0	1	1	2	2	2	4	4	4	4	2	1	2	2	2	2	2	2	2	2	2	3	4	2
13	3	3	2	3	2	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
14	2	2	3	2	3	2	1	2	2	1	1	1	1	1	1	1	1	3	3	4	4	4	4	4	2
15	3	3	4	3	3	3	2	2	1	1	2	2	3	2	3	3	3	4	3	4	4	4	3	2	3
16	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	3	4	5	4	4	4	3	2	2	2
17	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	2	4	3	3	3	4	4	4	4	2
18	3	1	1	2	2	1	1	2	....	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2
19	2	2	2	2	1	1	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	1	1	2
20	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	3	4	4	5	5	4	4	2
21	3	4	4	4	4	4	3	3	2	2	2	2	2	3	3	3	4	4	4	4	3	2	2	2	3
22	2	2	2	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
23	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	4	3	3	3	3	3	3	2
24	3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	3	4	4	4	4	4	4	3	3	3
25	3	4	4	3	3	3	3	2	2	2	2	2	2	2	2	3	4	7	9	10	9	9	6	5	4
26	5	6	5	5	5	5	4	4	4	....	....	....	5	5	5	5	6	7	6	7	7	5	6	6	5
27	6	5	4	4	4	4	4	4	3	2	1	1	0	1	1	1	2	2	3	3	2	1	1	1	3
28	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	3	4	5	5	5	5	2
29	4	4	4	3	2	2	2	2	2	2	3	3	2	2	4	4	5	5	6	6	4	4	2	1	3
MEAN	.3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	1	1	1	0	1	1	1	2	2	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	2	2	2	2	2	1
3	1	1	1	1	1	1	1	1	2	1	1	****	****	1	1	2	2	2	2	2	2	2	2	2	1
4	2	2	2	2	2	2	3	3	3	2	2	1	1	2	3	4	5	5	4	3	2	2	2	2	3
5	2	1	1	1	1	1	3	3	3	3	4	4	4	4	5	4	3	2	2	2	2	2	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	5	4	4	3	2	2
7	2	2	2	2	1	1	2	1	1	1	1	0	0	0	1	1	1	1	2	2	2	3	3	2	1
8	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	3	5	5	5	5	4	2
9	4	4	4	4	3	3	3	2	4	3	****	****	****	****	****	4	4	5	5	5	4	4	3	4	4
10	5	5	4	4	5	4	4	5	4	3	3	3	3	2	3	4	4	3	3	3	3	3	2	2	4
11	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	4	3	4	4	2
12	4	4	4	4	4	3	4	4	3	2	2	****	****	2	2	1	4	4	4	3	3	3	3	3	3
13	3	3	2	2	2	2	2	3	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	2	2	3	2	2	2	2	3	3	2
15	2	2	1	1	1	0	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	1
16	4	4	3	2	1	1	1	2	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	0	****	1	1	1	1	1	2	2	3	2	2	2	2	1
18	3	2	2	2	2	2	3	3	3	****	****	9	7	7	5	6	6	6	7	8	7	7	6	6	5
19	5	4	4	4	3	3	4	5	5	4	4	4	4	4	4	4	4	6	5	5	5	5	6	6	4
20	6	5	4	5	5	5	5	4	5	6	5	5	5	5	8	9	14	12	9	10	9	7	5	4	7
21	5	7	7	4	3	2	2	2	2	3	4	4	2	4	3	3	2	1	1	1	1	1	1	1	3
22	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	2	4	4	4	3	4	3	1
23	4	3	3	2	2	2	4	3	3	2	2	2	2	2	3	3	4	5	5	5	4	4	4	4	3
24	4	3	2	2	3	3	3	4	3	3	3	3	3	3	****	-	4	6	7	8	7	6	5	6	4
25	4	3	2	2	2	2	4	5	5	4	4	3	3	3	4	3	4	4	4	3	4	4	4	4	4
26	3	3	2	1	1	2	2	4	3	2	2	2	2	3	3	4	4	4	4	3	4	3	2	2	3
27	3	4	4	4	4	3	3	3	3	2	2	3	5	6	5	5	6	4	3	3	3	2	2	1	3
28	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	2	2	2	2	1	1
29	1	1	1	1	1	1	2	2	1	1	2	2	2	3	3	3	4	5	5	4	3	2	2	2	2
30	1	1	1	1	1	1	1	2	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	1	2
31	1	1	1	1	1	1	2	3	3	2	2	2	3	3	4	4	5	5	5	4	4	4	4	3	3
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	3	4	4	3	3	3	3
2	3	3	3	3	3	3	2	2	2	2	2	1	2	2	1	2	2	2	3	3	2	3	2	2	2
3	2	2	1	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	2	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	3	1
6	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2	2
7	1	1	1	1	0	1	1	1	1	1	****	****	****	****	****	****	1	2	3	4	3	2	2	2	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	4	3	2	1
9	2	2	1	2	1	1	1	2	1	****	1	1	1	1	1	1	1	2	3	3	5	5	4	4	2
10	4	4	3	3	3	3	3	3	2	1	1	1	1	1	2	2	4	3	2	3	2	2	1	1	2
11	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	3	2	2	2
13	2	2	2	1	1	2	2	2	1	2	1	****	****	1	1	2	2	3	3	5	5	5	4	4	2
14	4	2	4	3	3	2	3	3	3	3	3	2	1	1	1	2	3	5	5	4	4	5	8	7	3
15	6	4	2	2	2	3	4	7	6	****	****	****	****	****	****	****	****	****	6	6	6	6	5	5	*****
16	4	3	4	4	3	3	3	4	4	3	3	2	2	3	3	3	3	3	4	4	4	4	4	3	3
17	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	5	5	5	4	4	3
18	3	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	1	1	1	1	1	1	1	2	1	1	1	****	1	1	1	2	1	2	2	3	2	1	1	1	1
21	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	3	3	2	3	3	2	2	2	2
22	2	1	1	1	1	1	2	2	2	2	2	3	3	3	2	3	3	2	2	2	1	2	2	2	2
23	2	2	1	2	1	1	1	1	1	1	1	1	1	****	****	1	1	2	1	1	2	2	2	2	1
24	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	3	3	2	2	1
25	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
27	0	1	1	0	1	1	1	1	1	1	****	1	1	1	2	1	1	1	2	2	2	2	2	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	0	****	0	1	0	1	1	1	1	1	1	1	1
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	5	3	2	2	2
30	1	2	1	2	1	3	4	4	3	1	1	1	1	****	1	2	2	2	4	4	3	3	3	4	2
MEAN	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	1.9

PERCENTAGE OF DATA VALID - 96.7

PERCENTAGE OF DATA INVALID - 3.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SE NO 51001					MCDONALD GON RIDEAU/WURTEMBERG ST.OTTAWA										MONTH - MAY 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	2	2	2	2	2		
2	2	2	2	1	1	2	2	1	1	2	1	1	1	1	1	1	2	2	3	3	4	3	2	1	2		
3	1	1	1	1	1	1	3	2	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1		
4	1	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	1		
5	2	1	2	1	1	2	3	3	3	3	3	***	3	3	4	4	3	3	3	2	2	2	1	2	2		
6	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1		
7	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	1		
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1		
9	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	4	5	5	4	4	5	2		
10	5	4	4	3	4	3	3	3	4	3	2	2	1	1	2	2	2	2	3	5	3	2	3	2	3		
11	2	1	1	1	1	3	4	5	2	2	2	****	****	3	3	4	4	3	3	4	5	4	4	2	3		
12	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	3	3	2	3	3	2	1		
13	1	2	1	1	1	2	3	1	1	1	1	1	1	1	2	2	2	3	3	3	3	4	3	5	2		
14	5	4	4	2	3	3	3	4	5	4	4	****	5	3	4	4	3	4	2	3	5	6	4	4	4		
15	3	2	2	3	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2	6	6	6	4	2	2		
16	4	2	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	4	4	5	4	4	3	1	2		
17	1	0	1	1	1	2	3	2	2	2	2	2	2	2	3	3	3	3	2	2	1	0	0	0	2		
18	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
19	0	0	0	0	0	1	1	1	1	1	1	0	0	****	****	2	2	1	1	1	2	2	2	1	1		
20	2	2	3	3	2	2	2	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	2	2	3		
21	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2		
22	2	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	1	1	2		
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1		
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	2		
25	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	4	5	6	5	3	4	3	3	3		
26	2	1	1	1	2	2	2	2	2	2	2	****	1	1	1	1	2	3	3	3	3	3	3	2	2		
27	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	5	5	4	3	2		
28	3	3	3	2	1	2	3	5	7	5	2	1	1	1	1	2	2	2	3	4	4	3	4	4	3		
29	4	3	3	3	3	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	3	2	4	5	2		
30	5	4	4	3	3	2	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	4	4	3	2		
31	2	2	2	1	2	2	3	3	3	2	2	2	2	2	1	4	3	3	3	3	3	2	2	1	2		
MEAN	2	2	2	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	3	3	3	2	2	1.9		

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SE NO 51001					.MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA										MONTH - JUN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	2	3	4	4	2	1	
2	2	1	1	1	1	1	1	1	1	0	0	0	1	0	0	1	1	1	1	2	2	4	3	3		
3	3	2	1	1	0	1	2	2	2	2	1	1	1	1	***	1	1	1	2	3	3	3	4	2	2	
4	3	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	3	6	6	6	5	5	2	
5	4	3	3	2	1	1	2	2	4	2	1	1	1	1	0	1	1	1	1	2	3	4	4	3	2	
6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	3	3	1	
7	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	2	2	4	4	6	4	3	2	2	
8	2	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	4	5	5	5	3	3	2	2	
9	2	1	1	1	1	1	2	1	1	1	1	1	****	1	2	2	1	1	3	4	4	4	3	3	2	
10	3	1	1	2	2	3	4	5	3	2	2	2	2	1	1	2	2	3	2	3	3	3	2	2	2	
11	2	1	1	1	2	2	3	4	3	3	2	2	2	1	5	5	5	2	1	1	1	1	0	1	2	
12	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	3	3	3	3	1	1	
13	3	3	2	1	1	1	1	1	1	1	1	2	2	1	3	4	3	3	4	3	5	5	2	1	2	
14	1	1	1	1	2	4	4	3	2	2	2	1	2	2	2	3	2	2	1	3	4	3	2	2	2	
15	2	1	1	1	1	4	4	4	3	3	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	
16	1	1	1	1	1	1	2	3	2	2	2	1	1	1	-	2	3	3	3	3	3	2	3	3	2	
17	2	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	2	2	2	2	2	1	
18	1	1	1	1	1	1	1	3	4	1	1	1	1	1	1	1	1	1	2	4	5	4	3	3	2	
19	2	2	1	1	1	1	1	2	2	1	1	2	1	1	1	2	2	2	3	3	2	2	2	2	2	
20	2	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	2	3	3	2	1	
21	2	1	2	2	2	1	1	2	2	2	2	2	1	1	2	1	1	2	2	2	2	2	2	2	2	
22	1	1	1	1	1	2	2	3	3	1	1	1	1	2	2	2	3	3	2	4	4	3	3	3	2	
23	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	2	3	5	5	4	2	2	
24	3	3	3	2	2	1	2	3	6	4	2	2	****	2	2	2	2	2	2	3	3	2	4	4	3	
25	2	2	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	1	2	2	3	2	2	2	2	
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	1	
27	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	2	3	2	2	2	
28	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	
29	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	
30	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	
MEAN	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	3	3	3	3	2	1.7	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1
2	1	1	1	0	0	0	1	1	1	1	2	2	1	1	3	3	3	2	3	2	2	2	2	2	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
4	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	2	2	2	2	1
5	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
6																									
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	2	2	2	2	2	2	3	3	2	****	-	1	1	2	1	1	1	1	1	1	2	2	1	1	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	2	2	1
10	2	2	2	2	1	1	2	1	1	1	2	1	2	2	2	2	2	2	2	3	3	2	2	2	2
11	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2
12	1	1	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2	2	2	1	1
15	1	1	1	1	1	1	1	3	4	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2
16	3	2	1	2	1	2	2	2	****	2	2	2	3	3	3	3	3	3	3	3	2	1	1	2	2
17	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
19	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
20	1	1	1	1	1	2	3	2	2	1	1	1	2	2	2	3	2	1	1	1	1	1	1	0	1
21	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
22	1	1	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	2	2	3	3	2	2	1
23	1	1	1	0	0	1	2	2	2	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	0
24	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
25	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0
26	1	1	1	1	0	1	2	2	2	1	1	1	2	2	1	2	2	2	1	2	2	1	1	1	1
27	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
29	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	3	3	3	3	3	2
31	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1.1

PERCENTAGE OF DATA VALID - 92.3

PERCENTAGE OF DATA INVALID - 7.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	0
2	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	2	2	2	2	1
3	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2
4	1	1	1	1	1	3	4	3	2	2	2	1	2	1	2	2	2	2	3	3	3	3	3	3	2
5	2	1	1	1	2	2	4	4	3	2	2	2	2	3	3	3	4	3	3	3	2	2	1	1	2
6	0	0	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	3	2	1
7	2	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
9	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
10	1	1	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	2	3	3	3	2	1
11	2	2	2	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	3	3	4	2	3	2	2
12	2	2	1	1	1	2	3	3	2	2	2	2	****	****	3	4	3	3	3	3	2	1	1	1	2
13	1	1	1	1	1	1	2	2	2	3	5	5	3	3	3	3	3	3	3	3	2	2	2	1	2
14	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
15	1	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1
16	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	2	2	1
18	1	1	2	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	3	4	4	4	3	2	2
19	2	2	1	1	1	1	3	3	4	2	1	1	1	1	1	2	2	2	3	4	3	3	3	2	2
20	2	1	1	1	1	2	2	3	3	2	2	****	2	1	1	2	2	3	3	4	2	2	3	3	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	6	4	2	3	2
22	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
23	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	3	1
25	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	4	5	4	4	4	4	2
26	4	3	3	2	2	2	2	2	5	8	10	5	2	1	2	2	3	4	5	5	5	5	4	5	4
27	3	4	3	2	2	3	3	5	4	3	2	****	1	1	2	2	2	3	4	4	3	2	2	2	3
28	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	4	4	2	3	2	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
31	2	1	1	1	1	1	1	2	2	1	2	2	2	2	2	3	4	3	3	3	2	4	4	4	2
MEAN	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	2	2	2	3	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SE NO 51001					MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA										MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	3	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1			
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	2	2	2	2	1	1	1			
3	1	1	1	1	1	1	1	2	3	2	2	1	1	1	2	1	2	2	3	4	4	5	4	3	2			
4	2	1	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2	2	2	2	3	2	3	3	2			
5	2	1	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
6	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	2	3	3	3	2	1			
7	2	2	2	1	1	1	1	2	2	2	2	2	3	2	2	1	2	3	4	4	3	2	2	2	2			
8	1	1	2	2	1	1	1	2	2	1	1	1	1	1	1	2	3	4	6	5	4	4	3	2	2			
9	2	2	2	1	1	1	2	2	2	2	2	2	2	2	3	4	3	4	5	4	4	2	2	2	2			
10	2	3	3	2	2	2	3	4	4	4	3	2	2	3	3	3	3	1	3	3	3	2	2	2	3			
11	2	1	1	1	2	2	2	1	1	2	2	2	2	2	1	1	1	1	2	2	2	1	1	1	2			
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	5	4	5	4	3	2			
13	5	4	2	2	2	2	2	4	7	7	3	2	2	2	2	2	3	4	5	5	5	4	4	3	3			
14	2	2	1	1	2	3	6	6	5	4	3	2	****	4	4	4	4	4	4	4	4	3	3	3	2			
15	3	2	2	2	2	4	5	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2			
16	1	1	1	1	1	1	2	2	1	1	1	2	2	1	1	2	3	2	4	5	5	4	3	3	2			
17	2	1	1	1	1	1	2	1	1	2	2	2	2	1	2	2	3	3	2	2	2	1	2	2	2			
18	2	2	2	2	1	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	2	2	2	2	2			
19	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	2	2	1	1	0	2			
20	0	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1			
21	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	2	4	3	3	2	2	2	1			
22	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	3	2	2	2	1	1	2			
23	1	1	1	2	1	2	2	2	2	3	2	2	3	3	4	3	1	2	2	1	1	1	1	1	2			
24	1	1	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	3	3	3	3	2	2	1			
25	2	2	3	2	2	2	3	3	3	3	2	1	2	1	1	1	1	2	3	3	2	1	2	2	2			
26	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	1	2			
27	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	3	4	2	2	1	1	0	1			
28	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	2	2	3	3	2	2	2	2	2	1			
29	2	1	1	2	2	2	3	3	1	****	2	1	2	2	3	3	4	4	3	2	2	2	3	1	2			
30	1	1	1	1	1	1	2	2	1	0	1	1	1	1	2	3	3	4	4	4	4	4	3	3	2			
MEAN	2	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	3	3	3	2	2	2	1.8			

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SE NO 51001						MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA										MONTH - OCT 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	2	2	2	2	3	3	3	4	3	3	3	3	3	2	2	4	5	7	6	6	5	4	3	3	3		
2	3	3	3	2	2	3	2	3	4	5	6	7	7	6	4	2	3	6	9	7	6	5	4	3	4		
3	4	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	4	3	3	3	3	3	2		
4	2	2	2	1	2	2	2	2	2	2	1	2	2	2	2	3	4	5	5	6	5	5	4	4	3		
5	4	4	3	3	3	3	3	3	3	3	4	4	3	3	4	5	7	10	10	8	8	7	6	5	5		
6	4	3	2	2	2	3	4	4	3	3	3	2	-	---	---	4	4	5	4	3	3	3	2	1	3		
7	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1	1		
8	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2		
9	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1		
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2	1		
11	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	4	4	4	5	4	3	3	2		
12	3	3	2	2	2	2	4	3	3	4	2	2	3	2	3	5	5	5	5	5	4	5	4	3	3		
13	3	2	2	3	3	4	5	4	4	4	4	3	3	3	2	2	4	4	2	2	1	1	2	1	3		
14	1	1	1	1	1	1	1	1	1	1	1	1	---	---	---	1	1	1	2	1	2	2	1	1	1		
15	2	2	2	1	2	2	2	2	1	2	1	1	2	2	2	3	4	4	3	2	1	1	1	1	2		
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1		
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1		
18	0	0	0	0	1	1	2	1	1	1	0	1	1	1	1	1	2	2	2	1	1	2	2	2	1		
19	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1		
20	1	1	1	2	2	2	2	2	2	2	----	2	2	2	2	2	2	2	2	2	1	1	1	1	2		
21	1	1	0	0	1	1	2	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	1		
22	2	1	1	1	1	2	2	3	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2		
23	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	2	2		
24	3	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2		
25	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
26	1	1	1	1	1	1	3	2	1	----	0	0	1	1	1	1	1	1	1	2	2	1	2	2	1		
27	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	2	2	3	2	3	2	3	3	2	2		
28	2	1	2	2	3	3	4	3	3	3	2	2	2	3	3	3	3	3	4	3	3	3	3	2	3		
29	2	2	3	3	2	3	3	3	3	2	2	2	2	2	3	4	4	3	3	3	4	4	4	3	3		
30	2	3	3	2	2	2	3	2	3	3	3	3	4	4	4	4	5	5	4	4	4	4	3	4	3		
31	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1		
MEAN	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2.1		

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	1	1	1	1	1	1	1	****	-	-	-	-	-	-	-	-	-	-	-	-	-	*****	
2												-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3												-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4												-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5												-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6												-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7												-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8												-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	-	-	-	-	****	2	2	3	3	4	3	3	2	2	2	2	2	*****
10	2	2	2	2	3	3	3	3	2	3	2	3	2	3	3	3	4	4	4	2	2	2	2	2	3	
11	1	1	1	1	1	1	2	3	2	2	1	1	1	1	2	2	3	4	3	3	3	3	3	2	2	
12	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	
13	2	3	3	2	2	1	2	2	2	2	1	1	2	2	2	2	3	4	3	3	3	3	3	3	2	
14	3	3	2	2	1	1	1	1	1	1	2	1	2	2	2	2	3	3	2	2	2	2	2	3	2	
15	3	2	2	1	1	1	1	2	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	2	
16	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	4	4	4	5	5	4	4	3	3	
17	3	3	2	2	3	3	3	4	3	4	4	4	4	4	5	6	6	6	6	5	5	5	6	5	4	
18	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	3	
19	3	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	2	2	2	1	1	1	1	2	
20	1	1	1	1	1	0	0	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	1	2	1	
21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	
22	2	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	
23	1	1	1	1	1	1	1	2	2	1	1	1	-	1	1	2	3	3	3	2	2	3	3	2	2	
24	2	2	1	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2	
25	3	3	3	3	2	2	3	3	3	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	
26	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	5	4	4	4	4	4	4	3	
27	4	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	2	2	1	1	1	1	1	2	2	
28	2	2	2	2	1	1	1	1	2	2	2	1	2	2	2	2	2	2	1	1	2	1	1	1	2	
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	
30	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	****	2	2	2	2	2	2	2	2	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2.2	

PERCENTAGE OF OATA VALIO - 72.5

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 26.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	3	****	-	-	2	2	3	3	4	4	3	3	3	3	3	2	3
2	2	2	2	2	2	2	3	3	4	3	3	2	2	1	1	2	2	2	1	2	1	2	1	1	2
3	1	1	1	1	1	1	2	2	2	2	1	2	1	1	2	2	3	3	3	3	3	4	4	4	2
4	4	4	4	4	3	2	2	2	2	2	2	2	1	2	2	2	3	3	4	4	4	4	3	3	3
5	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	3
6	3	4	4	3	3	3	3	3	3	3	2	2	2	3	3	4	6	5	4	4	4	4	4	4	4
7	4	4	4	4	3	4	4	5	4	3	3	2	****	****	1	3	2	1	1	1	1	1	1	1	3
8	1	1	1	1	1	1	2	3	3	1	1	2	3	4	4	4	5	4	4	4	4	3	3	3	3
9	2	1	1	1	1	1	1	2	2	1	1	1	1	2	2	3	3	3	4	5	4	4	4	3	2
10	3	2	2	2	2	2	3	4	3	3	3	3	3	3	****	****	4	3	4	3	4	4	4	3	3
11	2	2	1	1	1	1	1	2	2	2	1	2	2	2	4	4	4	4	4	4	5	4	4	4	3
12	4	3	5	5	4	3	3	3	3	2	3	2	3	4	4	4	4	5	4	3	2	1	1	1	3
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	4	4	4	4	5	2
14	4	3	4	4	4	3	4	3	3	3	3	4	4	6	4	4	4	4	3	4	4	4	3	3	4
15	3	3	3	3	3	3	3	4	3	2	2	2	2	****	2	3	3	3	3	3	3	3	3	2	3
16	2	2	2	2	1	2	2	3	3	2	2	2	2	2	3	3	3	4	4	3	4	3	3	3	3
17	3	3	3	2	2	3	4	4	4	4	3	3	3	3	3	3	4	4	4	2	2	2	2	2	3
18	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	4	4	4	2
19	4	4	5	4	3	3	2	2	2	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3
20	3	2	2	2	2	1	2	2	2	2	3	3	3	3	3	3	3	2	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	2	1	1	1	1
22	1	1	1	1	1	1	2	2	2	2	2	2	****	****	2	3	3	3	4	3	3	3	3	3	2
23	3	3	3	3	4	4	4	3	3	3	2	3	4	4	4	4	4	4	3	3	3	3	3	3	3
24	3	2	2	1	1	1	1	2	2	1	1	1	1	2	2	3	4	4	4	4	4	4	3	3	2
25	3	4	3	3	3	2	2	2	2	2	2	2	4	3	3	3	4	4	4	4	4	4	4	4	3
26	4	4	3	3	3	4	4	4	4	3	2	1	1	1	1	2	3	4	4	2	1	1	1	1	2
27	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	2	2	3	3	4	5	4	4	3	2
28	2	3	3	3	4	3	3	4	3	2	2	1	1	1	3	3	3	3	3	3	3	3	2	2	3
29	2	1	1	1	1	1	1	3	2	2	2	2	****	2	3	3	3	4	5	5	5	5	5	4	3
30	4	3	3	3	3	3	3	3	3	2	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2
31	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1
MEAN	3	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GON RIOEAU/WURTEMBURG ST.OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.0	3	6
FEB	29	2.4	5	10
MAR	31	2.5	7	14
APR	29	1.9	3	8
MAY	31	1.9	4	7
JUN	30	1.7	3	6
JUL	28	1.1	2	5
AUG	31	1.5	4	10
SEP	30	1.8	3	7
OCT	31	2.1	5	10
NOV	21	2.2	4	6
DEC	31	2.6	4	6
YEAR	353	2.0	7	14

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GON RIOEAU/WURTEMBURG ST.OTTAWA

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	274	396	57	0	0	0	0	727
FEB	229	322	129	8	0	0	0	688
MAR	250	287	173	18	1	1	0	730
APR	335	300	58	3	0	0	0	696
MAY	331	328	77	1	0	0	0	737
JUN	375	284	57	0	0	0	0	716
JUL	508	171	8	0	0	0	0	687
AUG	450	238	44	2	0	0	0	734
SEP	337	311	64	2	0	0	0	714
OCT	319	324	84	11	0	0	0	738
NOV	146	333	43	0	0	0	0	522
DEC	174	386	173	0	0	0	0	733
YEAR	3728	3680	967	45	1	1	0	8422

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.9	0	0.1	0.6	1.2	2.0	3.2	3.9	4.7	5.4	14	2.0



POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - JAN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	1	1	1	1	0	1	0	1	1	1	2	2	2	2	2	2	1	1	
2	1	2	1	1	2	2	3	3	3	2	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	4	2	2	2	2	2	2	1	1	1	3
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1
5	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2	3	3	2	2	2	2
6	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	***	2	2	4	3	3	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	1	1	1	1	2
8	1	0	0	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
9	2	3	5	4	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	3	2	2	2	1	2
10	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	3	3	4	5	7	7	7	8	3
11	6	5	4	4	4	3	3	4	3	3	2	1	2	3	4	4	4	4	4	4	3	3	3	2	3
12	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	2	3	3	3	3	5	5	4	3	2
13	3	3	2	2	2	2	2	3	3	3	3	3	4	6	6	6	5	5	4	5	4	4	4	4	4
14	4	3	3	2	2	2	2	2	2	2	1	2	1	1	1	2	2	2	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	2	2	***	1	1	1	1	2	2	4	3	4	4	2	3	3	2	2
16	2	3	2	2	1	1	1	2	2	2	2	3	2	3	4	5	6	6	3	3	3	2	1	1	3
17	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	4	3	2	2	2
18	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
19	1	1	3	5	4	4	3	4	4	4	4	4	3	3	4	4	5	4	3	5	5	5	5	5	4
20	5	5	5	5	5	5	6	6	3	2	2	2	2	2	2	2	3	2	2	2	2	1	1	1	3
21	1	1	1	1	1	1	2	3	3	2	2	3	2	3	2	3	4	4	4	4	4	5	3	2	3
22	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	***	***	2	2	2	3	3	4	4	4	2
24	3	4	2	6	7	4	4	3	2	2	1	3	3	5	5	5	6	6	5	3	3	4	4	4	4
25	4	4	4	4	4	3	4	4	3	4	3	3	2	2	2	3	3	2	3	3	3	3	3	3	3
26	3	3	3	3	3	3	4	5	1	1	1	1	1	1	4	5	5	4	4	5	7	5	4	3	3
27	3	2	2	1	1	1	1	2	2	***	1	2	2	2	2	2	2	3	2	2	2	2	2	1	2
28	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1
29	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	1	2
30	1	1	1	1	2	1	2	2	2	2	1	1	2	2	3	3	4	5	5	5	5	5	5	5	3
31	4	3	4	3	3	3	3	2	2	2	2	2	1	2	3	3	5	4	4	3	5	5	5	4	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2.3

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - FEB 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	2	2	2	3	3	3	2	2	2	1	2	2	2	3	2	2	2	2	3	4	3	2
2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	5	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
5	1	1	1	2	2	2	2	3	3	1	1	1	1	1	1	2	3	3	2	2	3	3	3	3	2
6	3	1	1	2	1	1	2	2	2	2	2	2	1	2	1	1	2	3	4	4	3	2	2	2	2
7	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	1	1
8	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	1	2	3	3	2	3	2	2
9	3	3	2	2	1	2	2	3	2	2	2	2	1	***	***	2	3	4	3	3	2	2	2	2	2
10	2	2	2	1	1	1	2	3	3	2	2	2	4	6	6	6	7	7	6	6	6	5	6	3	4
11	2	2	2	2	3	3	2	2	2	2	1	1	1	1	2	2	3	4	3	2	2	2	1	1	2
12	1	1	1	1	1	1	2	3	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	2	2
13	3	3	1	1	1	1	1	2	2	2	2	1	2	1	1	1	2	3	2	2	2	1	1	2	2
14	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	4	4	3	3	2	2	2
15	1	1	1	1	1	2	3	3	2	2	2	1	1	2	4	5	3	2	2	2	2	2	2	2	2
16	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	3	2	2	1	1	1	1
17	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	3	3	3	4	3	3	3	2	2
18	2	2	2	2	2	3	4	4	4	4	4	3	***	3	3	3	3	3	2	3	3	2	2	3	3
19	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	1	2	2	1	1	1	1	1
20	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	2	2	3	4	5	3	3	3	2	2
21	2	2	1	1	2	2	2	2	2	1	1	2	2	3	2	3	3	3	3	3	3	3	3	3	2
22	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	***	2	2	2	1	1	1
24	2	2	1	2	2	3	2	3	3	2	2	3	2	3	3	4	5	5	5	5	6	5	9	8	4
25	6	6	6	6	6	6	9	10	14	12	9	6	5	7	10	16	16	***	***	8	6	6	6	6	8
26	7	7	7	6	6	7	8	10	9	6	6	5	5	6	10	19	16	15	13	9	8	8	10	10	9
27	8	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
28	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	1	2	3	4	4	3	4	4	2	2
29	3	3	4	4	2	2	2	2	2	2	3	4	4	5	5	5	5	4	3	3	3	3	3	3	3
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - MAR 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	3	2	2	2	****	2
2	1	1	1	1	1	1	2	2	2	2	3	3	2	3	3	3	4	3	4	4	4	3	2	2	2
3	3	2	1	2	2	2	2	2	3	3	3	4	4	4	4	3	5	5	5	5	5	5	4	5	3
4	2	4	3	3	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	5	6	4	4	****	3
5	***	***	***	***	***	***	***	***	***	***	***	-	-	-	-	-	2	2	2	1	1	1	1	1	*****
6	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
7	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	3	5	4	2	2	1	2
9	1	1	2	3	3	2	2	2	1	1	1	1	1	1	2	2	2	2	4	4	3	4	4	5	2
10	6	5	3	2	2	2	1	2	2	2	2	2	3	3	3	4	5	5	4	4	3	3	3	2	3
11	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	4	5	2
12	4	4	4	4	4	2	3	7	5	2	1	1	1	1	1	2	3	3	4	2	2	3	3	4	3
13	3	3	3	2	1	2	3	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1
16	2	2	1	1	1	1	1	1	1	1	****	1	1	2	3	3	3	2	2	2	2	2	2	2	2
17	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
18	2	2	1	2	1	2	2	2	1	1	1	****	1	1	1	1	2	2	3	4	3	3	3	3	2
19	4	2	3	3	2	1	2	2	3	3	4	6	5	5	5	5	6	5	6	6	6	6	6	6	4
20	7	7	6	6	6	6	7	6	3	2	2	2	2	2	2	2	4	4	3	2	2	2	2	2	4
21	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
24	2	1	1	2	2	1	1	2	2	1	2	2	2	2	2	2	2	4	6	7	6	8	6	6	3
25	5	3	1	1	1	1	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	3	2	2	2
26	2	1	2	2	2	2	2	2	2	2	1	1	2	1	2	2	2	3	3	3	4	3	4	3	2
27	4	2	2	1	1	1	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
29	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	2	2
30	3	5	4	3	2	2	2	2	2	2	3	2	1	1	1	2	2	3	3	4	4	4	3	3	3
31	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	4	4	5	4	5	4	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2.1

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SE NO 55051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - APR 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	2	2	2	3	3	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3	2
2	3	3	2	3	3	3	4	4	3	3	3	2	2	2	1	1	1	1	3	4	2	2	2	2	2
3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
6	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2
7	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	5	4	3	4	4	4	2
8	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	4	5	5	4	3	3	2
9	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	3	3	5	5	4	3	2	2
10	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
13	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	2	2	3	4	3	2	2	2
14	2	2	2	1	1	2	2	2	2	2	1	1	1	1	2	****	2	3	5	3	3	3	2	2	2
15	2	2	1	1	1	2	2	2	2	****	-	2	2	2	3	3	3	4	3	3	3	3	3	3	2
16	2	2	2	2	2	2	2	2	2	1	1	2	1	1	3	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	2	3	2	2	2	2	2	2	2	2
18	2	2	2	4	4	3	2	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	2
19	1	1	1	1	1	1	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	5	3	3	3	2	2
21	1	1	1	1	1	1	1	0	1	1	****	2	1	1	1	1	1	2	4	4	3	2	3	3	2
22	2	2	2	2	3	3	3	3	4	4	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2
23	1	1	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	2	3	3	2
24	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	4	2
25	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
26	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	2	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	2	1	1	1	2	1	1	1	2	1	1	2	2	1	2	2	2	1	1	1	2	1
30	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2	2	1	1	3	3	3	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - MAY 76

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	2	2	2	2	2	2	1	1	2	2	2	2	2	3	4	4	3	3	3	2
2	2	2	2	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	2	4	4	2	2	1	2
3	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	2	3	2	2	1	1	1	1
6	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
7	1	1	1	1	1	1	2	2	1	1	2	2	1	1	2	1	2	2	1	2	2	1	1	1	1
8	1	1	1	0	0	1	0	0	0	1	1	0	0	1	1	1	1	2	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	1	1
10	1	1	1	1	2	2	2	2	1	2	1	2	1	1	1	1	1	1	1	2	2	2	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1	2	3	2	1
12	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
13	1	1	1	0	0	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
14	3	3	3	2	3	3	4	5	5	5	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2
15	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	5	4	4	4	2
16	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1	1	2	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1
18	1	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	0	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	1	1	1	1	1
20	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	3	2	2	2	3	2	2	2	2
21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
22	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1
24	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	2	2	2	2	2	1
25	2	2	2	2	2	2	2	2	1	1	1	1	2	1	1	2	2	2	2	3	4	4	4	3	2
26	3	3	3	2	2	2	3	2	2	2	3	2	3	2	1	1	1	2	2	4	3	3	1	1	2
27	1	1	1	2	1	1	2	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	2
28	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	5	5	4	3	2	2
29	3	1	1	1	1	1	1	1	1	2	2	2	1	2	1	2	2	2	1	2	3	4	4	3	2
30	3	3	1	2	1	2	2	2	1	2	2	1	1	1	1	3	3	3	3	3	4	****	****	****	2
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	3	3	2	2	*****
MEAN	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - JUN 76

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	2	1	*****
8	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	3	4	4	2
9	2	1	2	2	2	2	2	1	1	1	1	2	2	2	1	2	2	2	2	2	3	4	3	2	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
11	1	1	1	1	1	1	2	2	****	2	1	1	1	1	1	2	2	2	2	2	1	0	1	1	1
12	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1
13	2	1	1	2	2	2	1	1	0	0	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1
14	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
16	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	1	1	1
18	2	1	1	1	1	1	2	1	1	****	0	1	1	1	1	1	2	2	2	2	3	3	3	3	2
19	3	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	****	3	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1
22	2	1	2	2	1	2	2	3	2	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1	2	2	2	2	1	1
24	2	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	2	2	3	2	1	1	1
25	1	1	1	1	1	1	2	2	****	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
26	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	2	1	1	1	1
28	1	1	1	1	1	1	1	1	1	2	2	1	1	1	****	1	1	1	1	1	2	1	1	1	1
29	1	1	1	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	1
30	3	3	2	3	3	1	1	1	1	2	2	2	2	****	2	2	3	3	4	2	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1.3

PERCENTAGE OF DATA VALID - 76.9

PERCENTAGE OF DATA INVALID - 23.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1
2	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	5	5	4	2
4	3	3	3	2	2	2	2	2	1	1	0	1	1	1	1	1	1	1	1	1	2	2	1	1	2
5	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	1	1	1	2	3	3	1	1	1	1
6	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	3	3	1	1	2	2	1	1	1
7	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	0	1	1	1	1	1	1	1	1	1	0	-	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
11	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	1	1
14	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	2	2	2	2	2	2	1	1
15	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	4	4	3	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
21	1	1	1	0	0	0	1	1	0	0	1	1	0	1	1	1	1	1	1	2	4	3	2	2	1
22	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	3	3	2
23	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	2	2	2	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	1	1	1	1	2	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	2	3	3	3	2	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	3	3	2	3	5	2
31	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1.2

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	1
7	2	2	2	2	2	2	1	1	2	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2
8	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
10	3	2	2	2	1	1	1	2	1	1	1	2	1	2	2	1	1	2	2	2	2	1	1	1	2
11	1	1	1	1	1	1	1	1	1	2	1	1	2	1	2	2	2	2	2	2	2	2	1	1	1
12	1	1	1	1	1	2	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	2	1	1	1	1	2	3	2	2	2	1	2	2	2	4	2	2	2	2
14	2	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1
15	2	2	2	1	2	2	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	1	1	1	1
16	1	0	0	0	1	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	3	3	2
18	3	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	2	5	5	5	4	2	2
19	2	3	2	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	2	5	3	2	1	1	2
20	1	1	1	1	1	1	2	1	1	1	1	2	1	2	2	3	2	2	2	2	2	2	2	2	2
21	2	1	1	1	1	1	1	2	2	3	1	3	2	2	2	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	1	1	1	1	1	1
23	1	2	1	1	2	4	4	2	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	3	2	2	2	2	2	1	1
26	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	3	2	3	3	2	2	2	1	2
27	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	0	1	1	1	1	2	2	1	1
31	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1.4

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SE NO S60S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - SEP 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	3	3	3	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	0	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
5	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	2	1	1	1	1	1	0	1
6	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1
7	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	3	4	4	2	2	2	2
8	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2
9	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	3	3	3	3	3	3	2
10	2	2	2	2	2	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	3	3	2	2	2	1	1
13	1	1	1	1	1	1	1	2	1	1	2	1	1	2	2	2	2	1	1	1	1	2	1	1	1
14	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	0	0	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	3	2	1	1
16	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	4	4	6	6	5	4	5	3	3
17	3	1	1	3	3	4	4	4	3	3	3	3	2	2	1	2	2	2	2	2	2	2	2	2	3
18	1	1	2	2	2	1	1	2	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
20	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
21	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
22	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2	2	2	2
26	2	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	3	2	2
27	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1	1
28	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
29	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1
30	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SE NO 560S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - OCT 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	2	2	2	3	3	3	****		2	2	2	2	3	4	5	6	5	5	5	5	4	
2	4	4	3	3	3	3	2	2	4	5	2	3	3	3	3	2	2	3	4	6	6	5	5	4	4
3	3	3	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	2	4	5	3	3	3	3	2
4	2	3	3	2	2	2	2	2	****	1	1	1	1	1	2	2	3	4	5	5	4	4	3	3	3
5	3	3	3	3	2	2	2	3	3	2	2	1	1	1	2	3	3	3	5	5	5	4	4	4	3
6	3	2	2	3	3	3	3	3	2	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
8	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	***	1
10	****	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
11	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	3	3	3	3	1	1	1
12	2	1	1	1	1	2	1	1	1	1	1	0	0	0	0	1	1	2	4	3	3	2	2	2	1
13	1	1	1	1	1	2	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	0	0	0	0	1	1	1	0	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	2	1	2	2	2	1	2	2	2	2	2	2	2	2	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
19	2	1	1	1	2	2	2	3	3	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2
20	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	2	2	2	2	2	2	2	2	1
24	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2
25	2	1	1	1	1	1	1	-	1	1	1	1	1	2	2	3	3	2	2	2	2	1	1	1	1
26	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1
27	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	2	2	2	2	1	1	1	1
28	2	2	2	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2
29	2	2	2	2	2	2	3	2	2	****	****	1	2	2	3	3	3	3	3	3	3	2	2	2	2
30	2	1	1	1	1	2	2	2	2	2	2	2	3	2	3	3	3	3	3	4	3	3	3	3	2
31	2	3	3	3	2	2	2	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
MEAN	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	3	2	3	3	2	2
2	2	2	2	1	1	2	2	3	3	1	1	1	1	1	1	2	***	2	2	2	2	2	2	1	2
3	1	2	1	2	2	2	3	3	3	2	2	2	2	2	2	3	3	2	2	3	3	3	4	3	2
4	3	3	3	3	2	2	3	3	3	3	2	3	2	2	2	3	3	3	3	3	3	3	3	2	3
5	2	2	1	1	1	1	2	2	3	2	1	***	***	***	***	***	***	***	***	***	***	3	3	2	***
6	2	2	2	2	2	2	1	1	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
8	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1
9	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	1
10	2	1	1	1	2	1	2	2	2	2	3	3	2	2	3	3	3	3	3	2	2	2	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
12	2	1	1	1	2	2	2	2	2	***	1	2	1	1	1	1	3	3	3	2	2	2	2	1	2
13	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	1	1	2	1	1	1
14	1	2	2	2	2	2	1	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
16	2	2	2	2	2	2	2	2	***	-	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	0	1	1	1	1	1	1	1	2	3	2	2	3	3	3	3	4	3	2	2	2	2
18	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	1	1	2
19	1	1	1	1	1	1	1	2	3	2	2	3	2	2	2	2	2	2	2	2	2	1	1	1	2
20	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1
24	1	1	1	1	1	1	1	2	1	***	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2
25	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	3	2	3	3	3	2	2	2	1	2	1	2	2	2	2	2
27	2	2	2	2	2	2	2	2	3	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	1
29	1	1	1	1	1	1	2	2	***	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
30	2	1	1	1	1	1	2	2	1	***	***	***	***	2	2	2	2	2	2	2	2	1	1	1	2
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1.6

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 2.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	***	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	2	2
3	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	2
4	3	3	4	4	4	4	3	3	2	2	2	2	2	2	3	5	5	5	4	4	4	4	4	4	3
5	4	4	4	4	4	3	3	3	3	3	3	2	3	3	3	2	2	3	3	3	2	2	2	2	3
6	2	3	3	3	3	3	3	3	***	2	2	2	2	2	3	4	4	4	4	4	3	3	3	3	3
7	2	2	2	2	3	3	2	3	5	2	3	3	3	3	2	2	2	2	2	1	1	1	1	1	2
8	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2
9	3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	2	3	3	3	4	4	4	3	4	2
10	3	1	1	1	1	1	1	2	2	4	4	4	4	4	4	5	4	4	4	4	3	2	3	2	3
11	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	4	2	3	2	2	2	2	2
12	1	1	2	2	2	2	3	2	2	3	3	3	3	3	4	3	4	4	4	4	3	3	2	2	3
13	1	1	1	1	1	1	1	1	2	***	1	1	2	1	2	2	2	1	2	2	3	2	2	2	2
14	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2
15	3	2	2	2	2	3	2	2	2	3	3	3	2	2	2	2	3	3	3	3	3	4	3	3	3
16	3	2	3	3	3	3	3	3	3	3	3	***	4	6	5	6	5	4	4	5	4	4	4	4	4
17	3	3	3	3	3	3	3	3	3	***	-	2	2	3	3	3	3	3	4	4	3	2	2	2	3
18	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	4	3	2	2	1
19	2	2	1	1	1	2	2	2	2	1	1	1	1	1	2	3	5	5	5	4	4	4	4	4	3
20	4	4	4	4	4	4	3	4	***	2	2	3	4	4	4	4	5	5	5	4	4	2	1	1	3
21	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	4	4	4	4	4	2
23	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	2	2	2	2
24	2	2	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	2	3	2	3	4	4	2	2
25	2	3	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	3	3	2	1	1	1	2	2	2	2	2	2	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	2	2	3	3	3	3	3	3	2
28	3	3	3	3	4	4	4	4	3	2	2	1	2	2	2	3	4	5	6	5	4	3	3	4	3
29	4	3	2	2	2	1	2	2	2	2	3	3	4	4	3	4	5	5	5	5	5	5	6	5	4
30	5	5	5	3	3	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	1	2	2
31	1	1	1	2	2	2	2	2	2	***	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2.3

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.3	4	8
FEB	29	2.4	9	19
MAR	30	2.1	4	8
APR	30	1.7	2	5
MAY	30	1.4	3	5
JUN	23	1.3	2	4
JUL	31	1.2	2	5
AUG	31	1.4	2	5
SEP	30	1.3	3	6
OCT	31	1.6	4	6
NOV	29	1.6	3	4
DEC	31	2.3	4	6
YEAR	356	1.7	9	19

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	261	343	129	6	0	0	0	739
FEB	252	338	68	24	2	6	0	690
MAR	324	301	93	6	0	0	0	724
APR	379	309	28	0	0	0	0	716
MAY	462	240	23	0	0	0	0	725
JUN	405	145	4	0	0	0	0	554
JUL	583	138	12	0	0	0	0	733
AUG	476	236	9	0	0	0	0	721
SEP	521	181	12	0	0	0	0	714
OCT	441	262	34	0	0	0	0	737
NOV	329	366	3	0	0	0	0	698
DEC	209	409	118	0	0	0	0	736
YEAR	4642	3268	533	36	2	6	0	8487

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
96.6	0	0.1	0.5	0.9	1.5	2.7	3.5	4.6	5.4	19	1.7

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	0	1	0	0	0	1	1	1	2	2	1	0	0	1	1	1	2	3	3	3	2	2	2	1	1
16	1	1	1	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0
17	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	2	3	2	1	1	1	1	1	1
18	2	2	2	1	0	1	2	2	3	3	2	1	1	2	1	1	1	1	1	2	2	2	2	0	2
19	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	2	1	1	2	2	2	3	2	2	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0
23	1	1	2	1	0	0	0	1	1	2	2	****	2	2	2	2	3	3	3	4	3	3	3	3	2
24	3	3	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	2
25	4	4	4	4	4	3	3	3	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2
26	1	1	1	1	1	1	1	2	2	1	1	****	2	1	1	2	2	2	2	2	2	2	2	2	2
27	3	4	3	3	3	3	3	3	3	3	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2
28	3	4	4	2	2	3	2	3	2	2	1	1	1	1	2	2	3	3	3	2	2	2	2	2	2
29	2	2	2	2	1	1	0	0	0	0	0	0	0	1	0	1	1	1	2	2	1	2	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	5	5	4	4	4	2
31	6	5	5	5	6	6	6	4	3	3	2	2	3	1	1	1	1	1	1	1	1	1	1	1	3
MEAN	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1.5

PERCENTAGE OF DATA VALID - 52.0

PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 43.7

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	1
2	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0
3	1	1	1	1	1	1	1	2	2	2	1	1	0	0	0	1	1	1	1	2	2	2	3	3	1
4	2	2	2	1	1	1	1	0	0	0	0	0	0	1	***	1	1	1	1	2	2	1	1	1	1
5	1	2	2	2	4	4	4	3	2	3	3	2	3	2	2	2	3	3	3	2	1	1	1	1	2
6	2	3	2	1	1	2	2	2	3	3	2	2	1	1	1	1	1	1	1	0	0	0	1	1	1
7	1	1	1	1	1	1	2	2	3	2	1	1	3	2	2	2	1	1	1	1	1	2	1	1	1
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
9	1	2	2	2	2	3	3	3	3	2	2	1	2	1	1	1	1	1	1	1	2	2	1	1	2
10	2	2	2	2	2	3	2	3	3	3	2	2	3	3	3	3	3	3	2	1	1	1	1	1	2
11	1	2	2	1	1	1	1	2	2	2	1	1	1	1	0	0	0	0	0	1	2	2	2	3	1
12	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	2	2	2	2	3
13	2	2	1	1	1	1	0	0	1	0	0	0	1	1	1	0	1	1	1	0	0	0	1	0	1
14	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	2	1
15	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	1	1	1	2
16	1	1	1	0	0	1	1	2	3	3	2	***	1	1	2	2	2	3	3	2	2	1	1	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	5	5	4	4	4	4	2
18	3	2	3	2	1	1	1	2	3	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	2
19	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	1	1	0
20	1	1	0	0	0	0	1	1	2	2	1	1	1	1	1	2	3	3	4	3	2	2	2	2	2
21	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	1	1	1	1	1	1	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2	3
25	2	3	2	1	1	1	2	2	2	2	2	2	2	3	3	4	4	5	5	3	3	3	3	3	3
26	2	2	2	3	2	1	2	2	2	2	2	2	2	3	2	2	3	3	4	4	4	3	2	2	2
27	1	1	1	1	0	0	0	0	0	1	***	1	1	1	1	1	2	2	2	1	1	1	1	1	1
28	1	1	0	1	1	0	1	1	1	1	0	1	0	1	1	2	3	4	4	5	2	3	3	3	2
29	2	2	2	2	2	2	2	2	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
2	0	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	1
3	0	0	1	0	0	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1
4	1	2	1	1	1	1	2	2	3	2	2	1	1	1	1	2	2	2	2	2	2	2	1	1	2
5	1	1	1	1	1	1	1	2	2	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6																									
7																									
8	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2
9	2	3	4	4	4	3	3	3	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	2
10	1	1	1	0	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	3	4	3	3	2	2	2	2
12	3	3	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	1	1	1	2
13	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	4	1
14	4	5	4	3	3	3	4	4	3	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	2	3	3	3	1
16	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	2	2	0
18	1	1	3	4	4	3	3	3	3	3	2	1	1	1	2	2	3	3	3	3	3	3	2	2	2
19	2	2	2	2	2	2	3	3	3	2	2	2	2	3	4	4	4	4	4	4	5	6	7	6	3
20	5	5	5	5	6	3	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	2	2	1	0	1	1	0	0	1	1	1	1	1	1	1	1	2	2	1
23	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
24	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	3	2	2	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
26	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	4	4	5	4	4	2
27	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
28	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	2	2	1	2	2	4	5	4	4	1
29	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	3	3	3	2
30	1	1	1	1	1	1	3	2	2	3	2	2	2	2	3	4	5	3	3	2	2	2	3	2	2
31	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 88.6

PERCENTAGE OF DATA INVALID - 9.8

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	0	0	1	0	0	1	0	1	2	3	2	2	2	3	2	1	1	2	1
2	1	1	1	1	2	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	2	1	1
3	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	1	1	1	1	0
5	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	1	1	0	0	1	0
6	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1
7	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	2	0
9	2	2	3	3	3	3	3	3	2	1	0	1	0	0	0	1	1	1	1	1	1	1	1	2	2
10	3	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
13	0	0	0	0	0	0	1	2	1	1	1	1	0	1	0	1	1	1	1	2	1	1	1	1	1
14	1	1	1	1	1	1	2	4	2	3	1	0	1	1	1	2	2	3	4	3	2	2	2	2	2
15	2	1	1	1	1	2	1	2	1	1	1	***	1	1	1	1	1	1	1	2	1	2	2	2	1
16	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2
17	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	2	2	2	2	2	2	1
18	2	1	1	1	2	2	3	3	2	1	1	1	1	1	1	1	1	2	1	2	2	1	1	2	2
19	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	2	2	1
21	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2	2	2	2	1
22	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1
23	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	1	1	1	1	1	0
24	1	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1
25	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
29	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	3	2	1	1
30	2	1	1	1	2	1	3	3	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	2	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	2	1	2	1	1	1	1	1	0	1
3	0	0	0	0	****	****	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
4	0	1	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1	1
5	1	1	1	1	1	1	2	1	1	1	1	1	2	1	2	2	2	1	0	1	0	1	0	0	1
6	1	0	0	0	1	1	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	1
7	2	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1
8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
9	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1
10	1	0	0	0	1	3	3	2	****	1	1	1	1	1	1	1	1	1	0	1	1	2	1	0	1
11	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
12	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
13	0	0	0	0	1	1	2	1	0	0	0	0	0	0	1	1	1	1	1	2	2	2	3	2	1
14	2	1	2	1	1	3	4	4	2	****	****	1	1	1	1	1	1	1	1	1	1	1	0	1	1
15	3	4	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	4	5	5	2	4	2
16	5	4	4	3	2	1	1	1	1	1	1	2	2	2	2	1	1	2	1	1	1	1	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	0
21	1	1	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0
29	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
31	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0.5

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 3.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
4	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
14	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	****	-	0	0	0	0	0	1	1	0	1	1	1	0	1	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
24	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
30	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0
7	0	1	1	1	1	1	2	3	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	0	1
8	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	2	1	0
9	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	1	1	1
10	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
11	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	0
14	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1
15	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	0
22	1	1	1	0	1	2	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1
23	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	0
29	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0
30	0	0	0	0	0	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4	1	0	1	1	1	1	1	1	0	1	0	0	0	0	0	1	0	0	1	1	0	0	1	1	1
5	0	0	0	1	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
7	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1	1
8	2	2	1	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	1	2	2	1	2	1	1
9	2	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	1
10	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0
11	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
12	1	2	1	1	1	2	2	3	2	2	2	1	1	1	1	0	0	0	0	0	0	1	1	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
18	2	1	1	1	1	1	2	2	0	2	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1
19	1	1	1	0	0	1	2	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20	1	0	0	0	1	1	3	2	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1
21	1	1	1	1	0	1	2	2	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
22	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
24	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
26	0	0	0	0	0	2	3	3	2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1
27	0	0	0	0	0	1	2	1	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
28	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
30	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
31	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	0	0	0	0
MEAN	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0.4

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	3	3	3	4	3	1
2	3	3	3	2	2	2	1	2	2	3	****	2	2	2	2	2	2	2	2	1	1	1	2	2	2
3	2	1	1	2	2	2	2	3	2	2	1	1	1	2	2	2	3	3	3	2	2	2	2	2	2
4	2	1	1	1	0	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	0	0	0	1	0	0	0	1	0	1	0	1	1	1	1	1	1	2	2	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	1	0	0	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	2	2	2	3	3	1
9	2	2	2	2	1	1	1	2	2	2	1	2	1	1	1	2	2	3	3	3	2	2	2	3	2
10	1	1	1	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	2	1	1	0
11	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	1	0	0	****	0	0	0	0	0	1	0	1	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0
15	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	2	1	1	0	0	1	0	1
16	0	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	2	1	1	0	1	0	1	1	1
17	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	3	2	1	2	1	0	1	1	1
18	1	1	1	1	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1
19	1	1	1	1	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
24	0	0	0	0	0	0	1	2	3	2	2	****	1	2	1	2	3	2	1	1	1	1	1	2	1
25	2	2	2	1	2	3	3	2	3	2	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2
26	2	2	2	2	2	2	2	2	3	3	3	****	3	2	2	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	1	1	2
28	1	1	1	1	1	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1
29	1	0	1	1	1	1	1	2	2	1	1	****	1	1	1	1	2	2	2	2	2	2	3	3	1
30	4	4	4	3	3	3	2	3	3	2	1	1	1	0	0	1	2	2	3	2	1	1	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	1	0	1	2	2	1	1	0	0	1	1	1	1	1	2	1	1	1	0	0	1
2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	0	0	1	0	0	0	0	0
3	1	2	1	1	1	1	2	1	3	3	2	1	1	2	2	3	3	3	4	3	3	4	3	2	2
4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	3	2	2	2	2
5	2	2	3	2	3	3	2	1	1	0	0	0	0	0	0	1	1	2	2	2	3	3	4	3	2
6	4	3	2	1	1	1	1	2	2	1	1	****	2	3	3	3	3	4	3	3	3	3	2	2	2
7	2	1	0	0	0	0	0	0	0	0	****	****	0	0	0	0	2	2	1	1	2	2	3	3	1
8	4	3	4	3	3	3	3	3	3	3	3	****	****	6	6	4	4	3	2	1	1	1	1	1	3
9	1	1	1	0	1	1	2	3	4	5	4	2	2	2	2	3	3	3	3	3	3	2	2	2	2
10	2	1	1	1	1	1	2	2	3	3	3	3	3	2	1	2	2	2	1	0	0	0	0	0	2
11	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	0	0	1	1	1	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	3	3	2	4	3	3	3	1
14	3	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	0	0	1	0	0	1	1	1	****	1	1	1	1	2	3	2	2	2	2	2	2	2	1
16	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	2
17	3	3	2	2	2	2	2	2	2	1	1	****	1	1	1	1	1	1	0	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	3	3	3	2	2	2	3	2	2
19	2	2	2	1	2	1	1	2	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2
20	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	2	0
22	1	1	2	3	3	2	2	2	3	2	2	2	3	3	3	4	4	4	5	5	4	4	3	3	3
23	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	2	2	2	2	4	3	3	3	****	3	3	3	3	2	2	2	2	2	2	2	3	3	2
25	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	3	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	1	1	2	2	3	3	4	3	4	3	3	3	2	2	2
28	2	2	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1
29	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	3	2	1	1	2	2	2	1	1
30	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	2	1	-	0	0	0	1	1	1	0	1	0	0	0	0	1
MEAN	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	15	1.5	3	6
FEB	29	1.4	3	5
MAR	26	1.5	3	7
APR	30	0.8	2	4
MAY	30	0.5	2	5
JUN	30	0.1	0	1
JUL	31	0.3	1	3
AUG	31	0.4	1	3
SEP	30	0.6	2	5
OCT	31	1.0	3	5
NOV	30	0.8	2	4
DEC	31	1.5	3	6
YEAR	344	0.8	3	7

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	217	146	24	0	0	0	0	387
FEB	427	247	19	0	0	0	0	693
MAR	399	218	41	1	0	0	0	659
APR	613	101	3	0	0	0	0	717
MAY	660	48	10	0	0	0	0	718
JUN	714	0	0	0	0	0	0	714
JUL	729	11	0	0	0	0	0	740
AUG	701	33	0	0	0	0	0	734
SEP	634	76	3	0	0	0	0	713
OCT	575	155	12	0	0	0	0	742
NOV	554	155	4	0	0	0	0	713
DEC	435	273	27	0	0	0	0	735
YEAR	6658	1463	143	1	0	0	0	8265

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.1	0	0.0	0.0	0.1	0.7	1.8	2.4	3.0	3.6	7	0.8

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	5	6	2	3	3	2	1	1	1	1	1	2	2	2	3	2	3	4	4	2	2	2	3
2	2	3	3	2	2	2	2	2	3	****	4	4	6	6	6	6	6	6	7	6	6	5	5	4	4
3	4	4	3	2	2	2	2	3	7	9	6	7	8	6	4	4	5	4	2	4	4	4	3	3	4
4	3	4	4	4	2	2	2	2	6	6	4	2	8	7	8	6	3	4	4	4	4	4	5	5	4
5	6	10	11	8	12	11	12	12	21	14	14	****	5	5	5	8	9	10	5	4	3	4	5	7	9
6	8	8	7	6	7	4	5	6	7	****	5	5	5	4	5	5	5	4	4	4	4	4	5	5	5
7	6	9	6	6	6	8	8	9	13	12	12	5	4	6	5	6	6	****	****	****	****	****	****	****	7
8	****	****	****	****	****	****	****	8	11	12	7	6	7	7	****	7	7	7	12	9	11	10	10	9	9
9	8	8	8	9	9	10	5	9	****	11	13	11	12	9	9	****	11	10	9	9	8	8	8	8	9
10	6	8	8	10	9	9	11	10	12	10	8	11	9	6	5	4	5	5	6	6	5	5	5	6	7
11	6	6	5	6	5	5	5	4	4	4	4	6	7	10	10	5	5	5	4	5	5	5	4	4	5
12	7	5	6	5	5	6	10	11	13	14	11	4	4	6	7	6	5	3	4	4	3	3	4	4	6
13	5	5	5	5	6	6	6	8	9	****	8	10	10	10	11	10	9	9	10	9	8	5	3	2	7
14	3	3	3	3	4	4	4	6	6	4	5	5	5	5	7	5	****	9	7	10	10	9	10	11	6
15	13	8	5	2	3	3	7	9	14	****	11	6	6	8	6	6	8	9	5	5	4	3	3	3	6
16	3	3	3	4	4	4	6	8	12	8	****	5	5	5	4	5	5	7	6	5	3	3	3	5	5
17	3	3	3	3	3	3	3	3	4	5	5	5	4	4	4	4	5	6	5	5	6	9	9	5	5
18	7	6	6	5	5	6	9	15	14	12	15	12	9	6	4	3	4	7	10	12	7	7	6	6	8
19	7	5	4	4	4	3	3	3	4	****	4	4	4	4	4	6	7	8	7	6	6	11	7	6	5
20	6	8	10	8	8	7	10	13	13	13	14	11	7	7	6	7	10	10	9	9	8	8	7	7	9
21	6	4	4	4	3	5	5	6	8	****	9	8	6	6	6	7	7	6	6	6	3	4	5	5	6
22	6	6	5	3	2	3	3	5	9	7	7	7	8	8	7	9	11	12	12	14	11	10	10	10	8
23	9	11	8	8	8	9	7	6	6	7	6	8	8	****	8	6	7	6	5	5	3	5	5	5	7
24	6	5	5	4	5	5	5	5	5	6	7	8	13	16	22	21	16	18	20	13	11	13	12	11	11
25	11	10	9	8	8	8	6	6	6	10	7	6	5	4	3	4	4	4	4	5	6	7	7	6	4
26	3	3	3	5	10	10	8	11	8	****	7	7	7	7	8	9	10	9	6	6	5	3	3	3	7
27	6	3	5	5	5	4	5	7	10	8	9	7	6	6	8	8	9	8	8	7	7	9	10	6	7
28	7	8	9	6	5	5	6	5	6	6	7	4	3	3	4	7	8	6	4	4	5	6	6	5	6
29	6	4	8	8	7	5	4	4	5	****	4	4	4	4	4	5	4	5	4	5	6	5	7	5	5
30	5	4	3	3	3	3	5	4	4	4	4	5	6	6	5	7	7	5	5	4	4	11	12	12	5
31	9	7	6	5	4	4	4	5	7	6	6	5	6	5	5	4	4	4	5	4	3	4	3	3	5
MEAN	6	6	6	5	5	5	6	7	8	8	7	6	6	6	6	6	7	7	7	6	6	6	6	6	6.3

PERCENTAGE OF DATA VALID - 96.2

PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	3	3	3	2	2	4	4	7	7	3	3	3	1	1	1	1	1	1	2	3
2	2	1	2	2	3	4	4	10	10	10	13	12	9	9	7	9	8	8	7	8	10	10	8	6	7
3	6	7	6	11	6	9	10	11	14	17	14	7	6	7	6	8	7	7	7	7	6	6	4	5	8
4	7	11	8	8	7	9	10	6	5	****	5	4	5	5	6	5	6	8	6	5	5	7	6	8	7
5	5	4	4	3	3	5	6	5	6	6	4	4	4	4	4	4	6	5	5	5	7	5	6	5	5
6	5	6	6	6	6	7	8	10	11	11	10	10	8	8	****	****	****	6	6	5	6	7	6	7	7
7	8	8	5	5	4	4	5	7	7	7	6	7	6	6	3	3	2	2	2	3	4	4	5	4	5
8	5	6	6	5	5	5	5	5	3	2	2	2	3	2	2	3	3	3	3	3	3	4	3	2	4
9	4	4	6	7	7	8	16	19	16	****	5	4	4	6	5	3	4	4	3	3	2	2	3	2	6
10	2	3	3	3	4	3	3	3	5	4	5	5	6	8	8	8	9	10	10	12	11	8	5	4	6
11	4	3	3	3	2	3	3	5	10	****	10	4	5	5	4	4	5	5	5	5	5	6	4	4	5
12	7	7	5	3	4	3	3	3	4	4	5	6	6	6	5	6	7	6	6	7	5	6	6	6	5
13	6	5	6	6	9	11	16	16	18	15	6	6	5	5	****	5	6	5	6	7	4	4	4	6	8
14	7	5	5	4	4	5	14	21	32	13	4	1	3	2	1	1	2	2	4	5	3	3	3	4	6
15	6	6	6	4	4	3	3	2	3	3	4	4	5	5	5	5	5	6	6	9	9	5	4	4	5
16	4	3	5	5	4	5	6	17	22	17	12	6	6	9	6	****	6	5	4	4	4	4	5	7	7
17	6	7	11	7	3	2	3	7	9	****	****	9	7	6	8	5	7	6	7	7	4	3	3	3	6
18	3	3	3	3	3	3	4	6	7	7	6	5	5	5	4	6	8	8	5	3	3	4	3	4	5
19	5	6	6	8	8	6	10	9	11	9	12	9	8	7	7	6	6	5	5	5	5	5	5	5	7
20	9	6	5	6	4	6	12	18	22	****	15	7	6	5	5	6	7	6	9	8	7	8	5	6	8
21	7	7	4	3	3	3	5	6	5	5	5	8	12	21	30	27	10	29	21	12	6	6	4	4	10
22	5	3	3	3	2	1	1	3	2	2	3	2	4	4	4	4	4	5	3	4	3	3	3	2	3
23	2	3	2	1	2	3	5	8	15	15	17	15	7	5	4	4	5	3	4	6	4	5	4	3	6
24	5	6	8	8	9	8	9	7	8	6	7	8	9	9	7	7	7	9	16	11	9	14	9	9	9
25	8	7	7	6	5	5	7	8	9	7	6	7	8	4	4	5	7	6	9	7	5	5	7	9	7
26	10	7	7	7	8	5	8	11	13	13	****	8	6	6	6	5	8	8	7	7	6	6	8	7	8
27	8	10	11	9	9	11	19	25	26	33	18	10	6	****	6	6	7	7	9	8	6	6	6	5	11
28	6	5	4	3	3	3	3	4	3	4	4	4	3	4	3	5	3	3	3	4	3	3	3	3	4
29	4	5	5	4	4	6	6	4	6	8	11	8	8	7	6	6	6	6	6	6	4	4	3	3	6
MEAN	5	5	5	5	5	5	7	9	11	9	8	6	6	6	6	6	6	6	6	6	5	5	5	5	6.2

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	3	3	3	3	3	4	5	7	6	7	7	7	6	7	8	8	8	4	3	3	2	2	2	5	
2	3	3	3	3	2	3	3	5	5	4	***	5	5	4	4	5	5	4	3	3	3	3	2	2	4	
3	3	3	3	3	3	3	5	6	6	10	11	14	19	27	35	37	39	49	48	39	40	26	35	20	8	20
4	7	5	4	3	3	3	3	6	6	6	6	5	6	8	7	8	11	12	13	16	14	20	23	5	8	
5	3	4	4	7	7	6	4	5	4	5	5	5	4	4	6	4	3	3	3	2	2	2	2	3	4	
6	2	2	3	3	3	1	1	2	3	3	3	3	4	5	5	4	2	3	3	3	3	4	4	4	3	
7	2	2	1	1	1	1	2	3	3	2	2	3	4	4	4	3	2	2	3	3	3	3	3	2	2	
8	2	1	2	2	3	3	3	6	8	5	4	5	6	5	6	5	4	3	5	5	5	5	5	5	4	
9	4	3	3	2	1	2	3	5	4	3	4	4	4	3	3	4	3	3	4	6	5	6	8	16	4	
10	8	10	11	7	4	5	5	7	9	9	9	7	9	11	8	8	7	5	6	6	6	6	7	4	7	
11	5	4	4	2	3	4	7	11	8	7	4	4	5	6	5	5	5	4	6	5	2	3	2	2	5	
12	3	2	2	2	3	3	3	5	6	8	6	6	5	5	5	4	4	4	4	4	4	5	6	4	4	
13	5	3	3	3	3	3	2	3	4	4	2	4	4	4	4	4	4	3	4	8	11	10	4	5	4	
14	4	3	2	2	2	2	2	1	4	6	4	4	4	4	4	3	3	3	4	4	4	5	10	6	4	
15	4	3	2	1	1	2	4	7	5	6	5	5	5	5	5	4	3	3	3	3	3	3	3	3	4	
16	2	1	1	1	1	2	6	9	12	13	8	4	4	3	4	4	5	4	4	4	3	2	3	2	4	
17	3	2	2	1	1	2	3	4	4	2	3	3	4	4	4	4	5	5	5	6	6	7	5	6	4	
18	9	4	4	4	4	2	3	3	3	3	4	6	6	8	7	5	5	5	6	6	7	6	5	7	5	
19	7	7	5	5	7	9	8	7	7	-	7	6	4	4	4	4	4	5	5	6	5	4	5	5	6	
20	5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	
21	4	4	4	3	2	2	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	
22	2	2	1	1	2	2	4	6	7	-	6	7	6	2	3	4	4	4	4	3	5	3	5	6	4	
23	9	7	8	6	7	10	14	12	9	6	5	3	5	4	4	3	4	5	4	5	5	4	4	4	6	
24	4	4	4	4	4	4	4	5	6	5	5	4	6	4	4	4	4	4	4	4	5	7	5	5	5	
25	5	5	6	8	5	11	10	10	7	-	-	5	5	3	3	4	5	5	7	17	27	21	20	9	9	
26	7	4	5	6	4	4	5	5	6	5	4	5	5	5	4	5	5	5	4	4	3	4	3	3	5	
27	3	3	3	3	3	3	3	3	3	3	3	3	5	4	3	4	3	3	3	5	6	4	5	5	4	
28	4	5	5	5	3	3	4	3	3	2	3	4	3	4	3	4	3	4	4	3	3	3	3	3	4	
29	2	2	2	2	2	3	3	3	5	-	5	6	6	5	8	7	10	6	7	8	8	7	8	8	5	
30	7	6	5	4	4	6	5	5	4	3	4	3	3	3	3	4	4	4	5	5	4	4	4	4	4	
31	4	4	3	4	6	3	3	5	4	4	4	3	4	6	7	7	7	6	6	7	10	13	13	5	6	
MEAN	4	4	4	3	3	4	4	5	6	5	5	5	6	6	6	6	6	6	6	6	6	7	6	5	5.1	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - APR 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	4	4	4	3	4	6	9	8	6	6	5	4	4	5	5	5	4	6	7	4	4	4	5
2	4	4	3	2	2	3	4	7	6	-	-	6	6	5	6	7	8	7	8	10	7	8	7	11	6
3	10	10	8	13	7	6	8	5	5	5	-	-	4	4	3	3	4	4	4	4	7	5	4	4	6
4	4	3	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	4	6	6	7	10	3
5	8	8	5	5	7	12	14	15	16	8	6	4	4	4	4	4	7	5	4	4	7	9	11	12	8
6	13	23	16	5	3	4	6	7	15	-	8	5	5	4	4	5	5	5	5	4	5	5	7	7	7
7	8	12	8	20	26	25	15	17	12	8	6	4	6	5	5	6	6	5	5	5	5	5	5	4	9
8	4	4	3	2	2	4	7	7	5	4	4	4	-	4	4	4	4	4	4	5	5	6	6	4	4
9	6	4	3	3	4	5	9	8	8	5	6	7	8	8	8	8	8	7	6	6	7	7	7	7	6
10	7	6	6	7	12	15	12	11	16	15	7	5	5	4	4	6	9	8	10	12	14	15	12	10	10
11	11	9	10	6	7	6	8	8	8	8	8	8	-	-	-	-	-	-	-	-	-	-	-	-	*****
12	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	6	5	5	4	6	10	18	19	14	*****
13	9	14	10	10	9	12	14	19	22	12	7	5	7	6	6	6	6	6	6	9	11	12	12	11	10
14	10	10	10	14	12	15	14	14	13	13	12	8	6	4	5	4	4	5	7	8	7	9	6	5	9
15	5	5	6	5	5	7	8	9	10	8	-	7	6	7	5	5	6	7	9	9	6	5	8	6	7
16	6	7	9	11	5	4	4	6	7	7	7	5	5	4	4	4	4	4	5	6	7	9	9	8	6
17	8	6	7	7	5	6	4	5	6	5	5	5	5	5	5	4	4	4	5	6	7	7	6	5	6
18	6	7	7	6	7	7	5	4	4	5	5	4	4	4	4	3	4	4	5	6	7	8	9	10	6
19	6	6	8	7	5	6	7	8	6	6	4	5	5	4	4	4	5	5	5	6	5	5	5	5	6
20	4	4	3	3	4	4	6	5	5	-	-	6	6	5	5	5	8	8	7	8	7	7	6	5	6
21	4	4	3	2	2	4	4	6	8	7	9	7	5	4	4	4	4	3	4	5	6	5	5	5	5
22	4	3	4	4	4	4	6	5	-	-	5	5	5	5	4	4	6	9	11	9	5	8	6	4	5
23	4	4	3	3	3	3	6	8	7	7	8	7	6	5	4	6	5	4	4	4	5	4	4	4	5
24	3	3	3	3	2	3	3	3	3	3	3	3	3	4	5	5	6	4	4	4	4	3	3	3	3
25	3	3	3	4	3	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
26	2	1	1	1	2	3	5	5	4	4	5	6	6	5	6	6	6	5	5	5	4	5	5	5	4
27	3	3	2	2	3	3	6	7	5	5	5	5	5	5	5	6	6	4	5	5	5	6	6	6	5
28	4	4	3	3	4	6	10	15	-	8	5	4	5	5	6	6	5	5	5	6	14	17	9	9	7
29	9	10	7	6	5	9	13	15	12	8	6	4	4	3	3	5	4	4	4	5	7	17	13	8	8
30	6	11	16	17	20	28	25	22	15	5	5	3	3	3	4	6	4	4	5	5	5	5	4	4	9
MEAN	6	7	6	6	6	7	8	9	9	7	6	5	5	4	5	5	5	5	5	6	7	8	7	7	6.2

PERCENTAGE OF DATA VALID - 94.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 5.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	6	7	5	6	10	13	11	10	4	6	5	4	4	8	7	6	5	6	5	6	9	11	7
2	22	20	11	6	5	6	6	7	11	5	4	3	3	3	3	5	4	3	3	3	3	3	4	6	6
3	6	2	3	2	2	3	6	5	4	4	4	4	5	6	7	7	3	4	3	3	3	3	4	4	4
4	4	3	3	7	7	12	16	14	-	6	4	3	3	3	4	4	3	4	4	5	6	5	5	5	6
5	5	5	4	4	4	4	4	6	5	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	*****
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13	9	9	9	7	7	9	9	8	4	3	3	3	3	2	2	3	3	4	4	4	3	4	8	6	5
14	6	5	5	6	5	5	7	8	-	10	9	7	6	6	6	7	7	7	8	12	11	16	8	7	8
15	7	7	5	6	6	7	9	7	7	6	5	6	6	5	9	7	8	6	6	6	5	5	5	4	6
16	2	2	2	2	3	3	4	5	3	5	5	7	6	6	7	7	6	4	6	6	6	6	6	6	5
17	5	4	4	2	3	5	5	8	10	6	4	6	7	8	7	6	5	3	3	3	3	3	3	3	5
18	3	3	3	3	3	4	6	6	5	4	5	4	5	4	5	6	5	4	4	5	4	4	6	5	4
19	5	6	5	8	5	8	8	9	5	-	4	4	5	4	4	5	4	4	4	5	5	5	6	9	6
20	7	6	6	7	9	10	13	19	16	10	9	6	4	5	4	4	5	4	4	5	6	6	7	10	8
21	8	5	4	4	5	8	10	9	5	-	5	4	5	4	5	4	5	5	6	6	4	4	4	7	5
22	6	6	6	4	12	22	19	11	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
23	-	-	-	-	-	-	-	-	4	4	2	3	3	3	3	3	3	3	3	4	4	4	6	5	4
24																									
25	-	-	-	-	-	-	-	-	-	-	5	4	4	4	4	6	4	4	4	4	5	5	4	4	*****
26	3	3	4	4	5	8	12	11	7	4	4	4	4	5	3	4	8	6	6	5	7	9	10	8	6
27	19	26	23	21	30	20	32	28	16	9	4	4	3	2	2	3	5	4	3	2	4	5	4	5	11
28	2	1	1	1	2	4	6	6	5	-	4	4	3	3	3	3	3	3	2	3	5	7	12	4	4
29	8	4	3	2	2	2	2	3	3	4	4	4	4	3	3	3	4	4	4	5	5	4	3	4	4
30	3	2	2	1	1	1	1	1	1	2	3	3	4	3	4	4	2	1	2	2	3	3	3	1	2
31	1	1	1	2	2	3	3	7	8	7	7	7	5	6	7	7	4	4	4	5	5	7	8	8	5
MEAN	6	6	5	5	6	7	9	9	7	6	5	5	4	4	5	5	5	4	4	5	5	5	6	6	5.5

PERCENTAGE OF DATA VALID - 67.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 32.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	2	2	2	2	4	7	5	5	5	5	5	5	4	4	4	3	3	2	3	3	3	4	4
2	5	5	5	-	-	-	-	-	-	-	-	-	3	3	3	4	4	4	5	5	4	4	6	7	*****
3	9	8	6	5	5	7	7	5	5	5	5	3	3	3	3	3	4	4	4	5	6	6	5	6	5
4	6	6	7	7	8	10	10	5	5	5	3	2	2	3	4	4	4	4	2	3	4	4	4	4	5
5	4	3	3	4	4	5	9	9	8	7	8	7	4	4	4	4	4	4	4	4	6	11	11	9	6
6	7	7	8	10	12	22	24	18	8	6	5	5	4	4	4	4	4	4	4	5	6	9	10	12	8
7	17	16	14	12	10	12	17	16	12	7	5	4	4	4	4	5	6	5	5	6	8	8	12	11	9
8	8	8	5	6	9	17	19	17	10	8	5	4	3	3	3	4	4	4	5	5	11	13	12	11	8
9	7	6	6	8	8	11	19	23	20	14	6	4	4	5	4	4	4	3	4	5	6	7	9	9	8
10	7	7	5	5	6	13	14	17	13	9	5	5	4	2	2	4	4	3	4	6	7	6	6	5	7
11	6	5	6	5	5	7	7	8	7	5	4	-	-	4	4	5	7	6	9	11	6	5	6	6	6
12	6	6	6	6	4	5	6	6	3	5	5	5	5	3	4	3	3	3	3	3	3	2	3	3	4
13	4	3	3	3	3	4	5	4	5	6	5	4	3	2	3	3	3	3	4	5	5	5	5	5	4
14	3	3	3	3	4	4	4	4	-	-	4	4	4	4	4	4	4	4	5	7	12	14	10	8	5
15	6	6	6	4	4	5	4	6	6	6	5	5	5	4	4	4	4	4	5	6	5	7	6	5	5
16	4	6	5	4	5	5	6	8	10	5	6	6	6	5	4	4	6	5	4	4	6	6	7	6	6
17	6	9	7	9	10	15	23	23	6	5	4	6	7	5	5	3	3	4	4	4	5	5	4	5	7
18	4	4	3	3	4	5	7	4	3	3	3	5	5	4	6	6	-	-	-	-	-	-	-	-	4
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	9	10	10	7	6	7	7	6	*****
22	5	5	4	5	5	5	7	7	-	7	5	4	5	4	4	3	3	3	4	4	4	4	4	5	5
23	4	3	3	5	5	5	9	10	8	8	4	5	3	4	4	7	2	3	3	3	3	4	4	4	5
24	3	3	3	3	4	4	4	4	3	3	3	3	6	5	9	6	6	5	5	8	7	9	9	7	5
25	7	10	6	6	8	7	7	8	7	-	-	5	5	4	6	7	6	6	7	5	6	11	9	13	7
26	-	8	12	15	6	7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
27	13	14	15	10	7	6	6	6	7	8	7	6	4	5	4	3	4	4	4	7	7	11	9	8	7
28	6	9	7	5	4	7	7	15	-	13	11	10	11	5	6	6	6	6	4	5	5	6	7	8	7
29	5	5	5	5	6	8	9	8	8	-	8	4	4	3	4	5	6	5	5	6	6	6	6	8	6
30	5	3	2	3	4	5	5	5	6	5	4	3	4	4	4	4	4	4	4	5	6	10	8	8	5
MEAN	6	6	6	6	6	8	10	10	8	7	5	5	5	4	4	5	5	4	5	5	6	7	7	7	6.0

PERCENTAGE OF DATA VALID - 85.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 14.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRDGEN DXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW	467 UNIVERSITY AV WEST F2 WINDSOR																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	5	4	2	2	2	4	5	5	6	5	5	6	3	5	5	5	5	4	4	3	5	7	14	13
2	15	17	14	7	6	8	9	10	-	6	4	4	4	4	4	5	5	5	4	4	5	6	10	13
3	12	22	26	27	20	13	10	9	-	-	-	-	-	-	-	-	-	7	6	6	6	7	8	9
4	8	7	5	5	5	5	5	4	4	4	4	3	3	3	2	2	2	3	3	4	4	4	5	6
5	6	6	6	5	3	4	6	9	10	8	5	3	4	4	3	4	5	3	3	3	4	5	7	7
6	9	12	11	7	6	8	13	12	8	9	11	7	5	6	8	12	9	9	14	10	9	12	15	14
7	13	14	13	14	11	6	8	13	-	-	8	6	5	4	5	8	9	8	12	13	15	14	6	6
8	4	4	3	3	6	11	12	9	6	5	5	5	5	5	4	5	4	3	5	4	6	7	7	6
9	5	4	3	4	7	7	13	9	6	-	4	4	5	3	3	3	3	3	3	4	4	4	4	4
10	4	3	3	3	4	4	6	7	7	6	4	4	4	4	4	4	5	5	5	5	6	5	5	5
11	5	6	3	4	3	4	4	4	3	3	3	4	4	3	3	3	3	3	3	4	5	7	6	5
12	5	3	2	2	2	3	4	4	4	4	-	4	3	3	3	4	3	3	3	4	4	5	4	7
13	6	4	4	4	3	6	9	11	7	6	5	5	3	-	4	4	4	4	4	4	6	10	16	5
14	5	4	4	4	6	9	13	20	10	8	6	6	5	5	4	4	4	4	4	4	11	12	10	7
15	11	7	3	4	4	7	8	12	11	7	-	-	6	6	4	5	5	4	6	10	10	12	14	8
16	8	6	3	4	4	4	5	6	-	5	5	5	3	4	4	4	5	3	3	4	4	4	5	4
17	8	7	4	3	6	8	7	5	4	2	3	2	2	2	3	3	5	5	7	5	7	7	12	11
18	11	10	9	8	7	6	6	5	4	3	3	2	1	1	1	1	2	2	2	2	3	6	6	5
19	5	4	7	8	9	6	8	10	-	7	5	4	4	2	2	3	3	4	2	4	4	4	4	4
20	4	5	5	4	4	4	5	6	5	4	4	4	4	4	4	4	5	6	8	6	5	6	5	7
21	7	6	6	4	5	5	6	8	7	6	5	4	4	3	3	3	3	2	3	4	5	5	5	5
22	6	6	5	5	3	3	3	4	3	-	-	2	3	3	3	4	4	3	2	3	2	3	3	3
23	4	3	3	3	4	4	5	6	6	-	6	6	6	4	4	6	4	3	3	4	5	5	4	5
24	4	5	2	1	1	3	5	6	5	3	3	3	3	3	3	2	3	3	3	3	4	5	5	3
25	6	4	4	4	4	4	3	2	2	2	2	1	1	1	1	1	1	2	2	2	3	3	3	3
26	3	3	3	3	3	6	6	7	5	6	4	-	3	3	3	3	3	3	3	4	6	6	4	5
27	7	7	3	3	4	2	7	10	7	6	6	4	4	4	4	3	3	3	3	5	4	4	4	5
28	2	2	2	2	2	3	3	4	3	4	3	3	3	2	2	3	3	2	1	2	3	3	2	3
29	2	2	2	4	4	3	5	6	7	4	5	-	5	4	4	5	4	4	3	4	3	4	3	2
30	1	2	1	1	2	3	2	4	5	6	8	7	10	9	8	9	8	6	3	3	4	4	4	3
31	3	3	2	5	6	7	7	6	4	3	3	3	3	3	3	3	3	3	3	3	2	3	5	6
MEAN	6	6	5	5	5	5	7	8	6	5	5	4	4	4	4	4	4	4	4	4	5	6	7	6

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRDGEN DXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 120D8															467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - AUG 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN															
1	4	3	3	2	2	2	4	3	3	2	2	2	2	2	2	2	3	3	3	3	3	4	4	5	3															
2	6	4	4	4	3	7	9	8	8	5	2	3	3	2	3	2	3	3	3	3	3	6	8	7	5															
3	15	21	20	20	17	13	23	29	17	6	4	4	4	3	3	3	3	2	3	4	6	6	5	4	10															
4	5	6	7	10	11	12	18	-	14	7	4	2	2	2	3	3	3	2	2	3	4	7	8	6	6															
5	6	4	7	8	6	6	6	8	5	4	4	5	4	4	4	4	4	4	5	5	4	4	3	3	5															
6	2	1	1	1	1	3	3	4	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3															
7	4	3	3	4	3	3	4	4	5	3	3	3	3	3	3	3	3	3	3	3	4	3	5	6	4															
8	5	5	3	2	2	2	3	3	5	4	3	5	4	3	3	3	3	3	3	3	4	4	5	7	4															
9	8	8	11	14	16	30	44	18	11	6	3	3	3	3	4	5	4	3	3	4	5	6	7	5	9															
10	6	6	6	4	8	18	34	39	23	8	5	4	4	5	5	3	2	2	3	4	4	4	3	9	9															
11	2	2	2	2	4	5	8	6	4	4	5	4	4	3	4	4	4	4	3	3	4	3	4	4	4															
12	5	5	4	4	4	4	6	-	-	5	8	6	5	4	4	4	4	4	4	5	7	6	4	5	5															
13	4	4	4	3	4	6	8	7	9	8	6	6	6	5	5	5	5	6	8	11	19	29	25	10	8															
14	4	4	4	4	4	4	4	3	4	3	3	3	3	5	5	8	8	7	7	4	3	3	3	3	4															
15	3	3	2	2	2	3	2	3	4	2	2	2	2	2	2	3	3	3	3	4	5	6	6	6	3															
16	7	4	3	3	5	15	33	21	17	5	4	3	3	3	3	4	4	4	4	4	7	15	15	21	9															
17	26	29	35	21	20	21	24	18	15	7	5	5	4	3	4	4	4	4	3	3	7	10	10	12	13															
18	8	15	19	24	20	22	41	65	42	22	11	6	4	4	4	4	4	4	3	6	9	13	20	16	16															
19	15	13	15	14	9	14	10	-	6	3	2	2	2	1	2	2	2	2	3	4	4	5	6	6	8															
20	4	4	3	3	8	16	25	23	14	7	4	2	2	2	2	2	2	1	2	7	8	9	8	6	6															
21	4	4	2	3	3	5	12	15	12	8	3	4	3	3	2	2	1	1	2	5	7	7	6	4	5															
22	6	5	5	7	7	9	10	12	8	5	2	2	3	3	2	2	2	2	2	3	3	6	9	10	5															
23	4	1	1	1	3	7	11	12	11	7	6	4	4	3	4	4	4	2	3	3	3	3	3	4	5															
24	3	3	3	2	2	3	5	4	2	3	3	3	4	3	2	3	3	2	2	3	2	3	3	3	4															
25	2	4	6	6	6	6	6	3	2	3	4	4	3	4	3	2	2	2	3	2	3	3	3	3	3															
26	3	3	2	2	2	4	8	-	-	4	2	2	2	3	2	1	2	4	3	6	6	3	2	2	3															
27	2	3	3	3	2	3	5	4	3	3	3	2	2	2	2	2	2	3	3	4	3	3	3	3	3															
28	3	3	2	2	3	4	6	5	4	3	3	4	3	2	2	3	2	2	3	4	4	6	7	8	4															
29	8	7	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	4	5	5	6	8	3															
30	5	4	8	5	5	9	13	11	6	7	5	4	3	3	3	3	4	4	3	5	5	5	5	4	5															
31	2	2	3	5	3	4	10	9	6	5	4	4	3	3	2	2	2	2	2	3	4	4	5	4	4															
MEAN	6	6	6	6	6	8	13	13	10	6	4	4	3	3	3	3	3	3	3	4	5	6	7	6	5.5															

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 5W NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	2	3	5	3	7	11	9	8	4	6	5	4	5	6	5	4	4	3	2	3	2	2	5
2	2	2	1	1	3	6	12	13	8	-	2	2	2	2	3	2	3	2	2	4	8	4	3	3	4
3	4	2	2	4	3	5	9	10	5	6	4	5	4	4	4	2	2	2	2	2	2	2	2	4	4
4	2	2	3	2	3	3	3	4	4	3	4	3	2	2	3	2	3	3	3	4	4	4	3	3	3
5	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	3	3	3	2	4	6	2
6	3	3	3	3	3	6	8	9	4	3	2	3	4	4	2	2	1	1	2	2	4	5	4	4	4
7	4	4	5	7	7	6	10	18	12	7	5	3	2	-	4	4	4	4	3	4	5	7	7	9	6
8	8	6	7	6	6	9	14	18	12	8	6	4	4	4	4	4	3	3	4	6	7	11	14	12	8
9	13	14	21	13	13	10	11	15	10	-	-	5	7	8	8	7	8	7	7	5	4	4	3	3	9
10	3	3	1	1	3	3	5	6	-	-	-	-	-	5	7	8	7	6	7	9	8	6	6	5	5
11	9	7	6	5	6	6	4	4	5	5	5	5	4	3	3	3	3	5	5	8	9	9	11	13	6
12	11	9	11	14	12	10	9	7	7	6	4	3	4	3	2	2	3	3	5	6	6	6	6	4	6
13	4	5	6	6	6	7	12	12	10	10	7	5	-	3	4	4	5	4	3	4	4	5	5	4	6
14	7	6	5	5	6	7	10	14	19	15	9	6	5	4	4	4	4	4	5	5	6	6	6	7	7
15	8	8	7	6	7	8	8	7	-	6	6	6	6	8	9	9	9	7	7	8	7	7	5	5	7
16	4	4	3	2	3	6	9	10	10	8	7	7	7	8	7	7	7	7	4	4	3	3	4	4	6
17	4	3	3	3	4	4	6	9	7	6	7	7	7	5	6	6	7	6	7	7	5	5	6	7	6
18	9	7	7	5	5	5	6	7	7	6	5	5	3	4	4	4	4	4	7	14	24	16	7	7	7
19	7	7	8	7	5	6	6	7	7	6	4	4	3	3	3	3	3	3	5	7	8	4	4	4	5
20	5	5	4	4	4	4	5	8	8	6	5	4	5	4	4	6	5	4	3	4	4	4	3	4	5
21	3	3	3	3	3	7	12	22	15	6	7	7	10	6	5	8	6	4	4	4	4	3	3	3	6
22	3	3	3	3	3	4	5	9	7	4	3	4	3	3	4	4	4	5	6	13	13	14	8	6	6
23	4	3	3	3	3	3	4	6	7	5	5	4	4	4	4	4	6	5	5	9	10	8	6	5	5
24	3	3	3	2	3	6	8	14	17	-	4	4	2	2	3	3	3	4	8	8	7	10	10	12	6
25	24	18	17	16	15	13	13	12	11	8	7	9	8	5	4	5	5	7	9	7	6	6	7	7	10
26	6	7	5	4	3	3	3	3	3	4	4	4	4	4	4	5	5	4	4	4	3	4	3	3	4
27	3	4	3	3	4	6	5	9	7	7	5	5	5	4	4	6	5	5	4	4	4	3	3	3	5
28	3	3	3	3	3	4	7	11	11	9	6	6	5	4	5	5	6	5	7	11	13	15	14	17	7
29	13	11	13	7	6	10	13	15	13	10	7	-	4	5	5	4	4	4	7	11	11	8	10	13	9
30	11	10	11	10	11	19	32	47	49	31	12	4	7	6	5	6	5	8	9	11	11	13	15	13	15
MEAN	6	6	6	5	5	6	9	11	10	7	5	5	5	4	4	5	5	4	5	6	7	7	6	6	6.1

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 5W NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	17	21	8	7	8	11	39	45	13	7	5	-	3	3	3	3	4	11	8	6	8	13	15	12
2	12	10	9	10	16	22	24	25	16	6	5	6	5	7	6	5	5	6	9	15	13	9	12	18	11
3	27	46	48	41	31	15	11	10	7	7	7	7	7	7	7	6	8	10	10	10	14	17	14	11	16
4	5	4	4	4	4	4	8	11	10	-	4	2	3	3	3	3	3	4	6	6	5	5	3	2	5
5	2	2	2	3	6	5	10	8	4	3	3	4	3	3	3	3	3	4	5	3	4	6	5	5	4
6	7	6	4	4	2	3	4	4	3	4	11	8	8	6	6	7	7	6	5	4	3	4	3	3	5
7	3	3	2	2	2	4	9	11	11	8	5	4	4	5	6	7	6	5	5	5	4	3	3	3	5
8	3	2	1	1	2	4	8	9	-	8	8	7	7	7	7	6	7	6	6	7	8	7	7	8	6
9	7	5	4	3	2	2	3	4	6	6	6	5	5	5	5	4	4	3	5	7	8	6	10	9	5
10	8	7	5	6	5	6	5	6	6	6	6	5	4	4	4	4	4	7	7	6	4	3	3	2	5
11	3	3	3	3	3	3	5	5	5	3	5	5	5	4	4	4	4	5	5	4	4	4	4	4	4
12	4	2	1	2	2	3	4	5	4	-	3	3	3	3	3	4	5	4	4	3	3	5	6	7	4
13	8	6	6	4	5	9	13	23	23	23	9	4	3	4	5	5	4	5	4	4	5	3	3	3	8
14	3	2	2	4	5	7	10	15	11	8	6	5	4	5	5	5	5	6	7	6	4	4	5	5	6
15	3	4	5	5	5	6	8	-	9	8	5	4	4	4	4	5	4	4	5	6	5	6	6	6	5
16	6	6	6	5	3	3	4	4	5	6	5	5	5	4	5	6	6	6	6	6	7	5	5	4	5
17	6	5	3	3	2	3	3	3	2	2	2	2	3	3	4	3	3	3	5	7	5	5	4	5	4
18	12	15	12	12	10	14	22	34	22	9	6	6	5	6	4	6	5	4	7	9	9	5	3	3	10
19	4	3	2	3	3	6	9	11	-	6	6	6	7	7	6	7	8	5	6	7	8	8	12	10	7
20	9	9	10	10	12	9	9	10	14	12	13	11	11	9	10	10	10	8	7	8	10	10	8	5	10
21	4	4	5	6	5	7	9	11	-	-	8	7	-	-	-	-	-	-	-	-	-	-	-	-	*****
22	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	5	5	5	8	9	8	8	9	11	*****
23	10	12	8	8	10	12	15	15	12	11	11	12	10	7	3	5	6	6	8	7	7	7	5	5	9
24	4	4	3	3	3	3	3	3	3	3	5	8	10	8	6	9	8	8	6	6	4	4	3	3	5
25	3	3	3	2	2	4	6	8	-	9	8	6	6	7	7	8	6	5	5	5	4	5	4	4	5
26	4	4	3	3	6	6	9	14	10	6	4	4	5	5	4	5	5	4	3	3	3	6	6	4	5
27	3	2	2	2	2	4	11	19	24	12	8	7	5	6	7	6	7	6	7	7	11	15	22	36	10
28	25	17	8	16	12	16	12	16	13	11	9	8	6	6	6	6	7	10	11	10	11	8	8	7	11
29	7	8	7	6	8	9	9	10	10	8	7	-	-	6	6	7	8	7	7	8	6	6	8	8	8
30	6	7	6	4	7	10	8	9	10	10	14	12	12	13	11	14	11	8	6	5	6	5	5	6	9
31	4	4	3	2	3	3	3	3	4	2	3	3	3	3	3	3	3	5	7	6	6	8	25	38	6
MEAN	7	7	7	6	6	7	9	12	11	8	7	6	6	6	5	6	6	6	6	7	7	7	7	8	7.0

PERCENTAGE OF DATA VALID - 95.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNIT5 - 0.01 PARTS/MILLION

	STATION - 5W NO 12008					467 UNIVERSITY AV WEST F2 WINOSOR										MONTH - NOV 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	25	23	20	16	14	21	33	42	39	23	11	6	6	6	6	8	8	9	13	13	17	21	22	18
2	19	12	9	7	5	7	9	7	10	10	8	5	6	5	5	8	8	12	10	9	10	11	10	13	9
3	9	9	8	7	6	12	11	15	17	12	8	5	4	5	6	8	12	15	11	9	12	17	29	28	11
4	22	16	13	13	8	10	8	13	21	22	15	10	8	7	6	6	10	13	16	16	24	32	27	20	15
5	14	20	19	17	13	9	11	13	15	15	8	-	7	6	7	7	6	8	9	9	11	9	7	6	11
6	6	6	6	6	6	5	5	6	6	7	6	5	4	6	6	6	7	7	7	11	10	7	5	5	6
7	7	8	8	5	4	3	3	4	3	2	3	2	3	4	4	6	4	6	7	4	3	3	3	3	4
8	2	1	1	1	1	2	4	6	6	4	5	4	4	4	4	5	5	6	9	20	13	12	7	7	6
9	6	6	5	3	2	4	7	7	6	7	7	6	4	8	9	10	12	17	13	17	16	8	8	6	8
10	5	4	3	5	6	7	8	13	19	13	7	5	5	-	-	-	9	11	10	8	7	5	5	6	8
11	5	4	4	3	4	5	8	15	18	13	8	7	5	5	5	5	6	6	7	8	7	10	11	12	8
12	10	8	7	7	6	7	12	20	26	19	13	7	6	5	5	7	8	8	9	12	11	9	11	11	10
13	10	8	7	7	6	6	7	8	11	8	5	5	5	4	4	4	4	6	11	11	10	10	9	11	7
14	11	11	11	8	8	9	9	11	9	8	6	8	7	7	6	7	6	7	10	12	15	14	12	12	9
15	11	9	10	12	13	13	14	17	24	-	-	-	-	-	-	-	11	14	19	22	17	15	12	13	14
16	12	14	15	16	14	16	17	26	37	31	-	20	10	12	9	9	10	13	15	15	14	14	13	11	16
17	10	9	9	8	9	8	10	10	12	10	10	9	10	8	7	7	10	9	8	7	8	10	12	12	9
18	11	11	11	12	9	9	9	12	14	-	-	6	6	5	6	5	6	7	7	9	8	8	9	11	9
19	9	12	15	8	8	8	7	11	12	-	7	6	5	4	5	5	8	10	12	17	18	15	11	12	10
20	14	14	17	17	14	15	17	20	28	24	18	16	9	7	7	7	7	7	8	9	9	8	12	15	13
21	11	13	14	11	12	13	11	8	7	6	5	5	4	4	4	3	4	4	5	5	3	3	3	3	7
22	3	3	3	4	5	5	6	9	11	6	6	6	5	5	6	6	7	6	6	5	5	5	7	9	6
23	8	7	8	7	7	7	9	9	10	9	8	7	6	8	7	8	10	9	7	6	5	5	6	5	7
24	8	9	6	9	8	10	9	8	14	16	13	9	9	10	8	7	9	9	10	10	12	12	13	9	10
25	7	7	5	5	5	6	7	9	16	9	9	9	9	9	7	7	9	8	8	10	6	4	5	6	8
26	5	4	4	5	4	6	5	6	7	6	-	6	7	7	7	7	8	7	7	7	6	5	4	3	6
27	3	3	3	3	3	2	3	4	4	4	4	5	5	5	5	6	6	6	7	6	6	5	6	6	5
28	4	4	4	4	4	3	4	4	3	2	4	4	4	4	4	4	4	5	5	4	4	4	4	2	4
29	3	3	4	4	4	4	4	5	7	7	7	5	6	6	5	6	7	7	7	6	7	7	8	8	6
30	6	5	7	7	6	6	6	7	8	7	6	5	6	5	5	5	8	8	9	10	10	10	9	11	7
MEAN	9	9	9	8	7	8	9	11	14	12	8	7	6	6	6	6	8	9	9	10	10	10	10	10	8.8

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNIT5 - 0.01 PARTS/MILLION

	STATION - 5W NO 12008															467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - DEC 76															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN																					
1	10	8	5	5	5	6	5	10	10	8	5	6	8	11	10	10	9	10	12	9	8	9	10	9	8																					
2	7	7	8	7	7	7	6	6	7	5	5	5	5	-	5	6	7	10	8	11	11	10	12	11	8																					
3	11	14	11	8	8	12	14	18	13	-	7	4	5	4	6	6	6	7	6	6	6	7	6	6	8																					
4	8	7	8	10	9	7	8	8	9	9	9	8	8	7	7	7	7	8	10	14	10	9	11	6	9																					
5	7	7	7	6	7	7	5	7	9	13	12	7	7	6	7	10	8	8	9	8	5	5	5	5	7																					
6	5	6	5	5	5	6	8	10	14	-	15	11	13	13	14	14	15	16	20	14	13	11	17	13	11																					
7	12	10	7	6	5	3	5	5	6	6	5	5	6	6	5	7	6	8	7	9	8	8	5	5	6																					
8	6	6	5	4	4	5	8	11	19	20	-	-	10	9	9	8	11	14	8	8	7	7	7	10	9																					
9	13	11	11	12	14	12	13	12	9	9	10	8	7	6	6	6	8	7	7	6	5	5	4	5	9																					
10	5	4	5	5	4	5	3	5	5	5	5	6	8	10	10	12	11	10	10	6	5	5	4	5	6																					
11	4	3	3	3	3	3	5	7	10	9	5	6	5	7	7	8	9	10	10	11	7	5	6	8	6																					
12	10	11	12	11	9	12	11	11	9	10	8	11	11	10	9	10	8	3	8	6	4	3	3	3	8																					
13	3	2	2	2	2	3	5	7	8	8	7	6	5	6	6	7	11	11	7	8	7	7	5	3	6																					
14	4	5	5	6	3	5	5	8	8	8	7	4	5	7	-	7	9	9	9	10	11	13	12	9	7																					
15	12	9	9	9	9	13	14	21	20	26	22	20	-	9	8	10	15	24	28	31	32	22	19	14	17																					
16	14	14	15	17	17	17	15	17	23	20	22	36	58	58	51	32	18	14	10	13	13	7	5	5	21																					
17	7	5	6	6	4	6	8	11	11	8	7	7	6	6	7	7	9	10	7	8	6	5	5	6	7																					
18	4	6	4	4	4	6	8	12	19	15	6	11	6	6	7	6	6	11	7	8	7	6	6	6	8																					
19	6	7	6	8	11	9	8	9	9	9	8	8	10	13	10	10	10	15	21	17	11	11	11	10	10																					
20	9	8	7	9	9	7	7	7	7	8	8	10	9	8	7	7	7	5	4	3	3	3	3	3	7																					
21	3	2	2	2	2	3	5	6	7	5	5	-	6	5	5	7	9	8	8	7	6	7	8	9	6																					
22	7	8	8	8	5	4	5	6	5	6	5	6	5	4	4	6	5	5	5	5	6	6	7	4	6																					
23	5	6	5	6	6	6	6	7	5	5	5	6	7	6	4	4	6	6	6	6	6	6	6	5	6																					
24	6	7	7	6	11	10	11	8	8	7	7	8	7	5	5	4	4	4	3	4	3	5	5	4	6																					
25	5	6	6	5	5	5	5	5	7	6	6	9	9	10	9	9	7	6	5	6	5	5	7	9	7																					
26	10	7	8	6	8	6	8	9	10	11	9	9	9	6	5	7	5	4	5	4	4	3	5	4	7																					
27	5	4	4	4	5	6	7	13	6	5	4	4	4	2	3	4	5	6	7	9	9	6	5	6	6																					
28	6	6	7	7	7	6	6	7	11	12	12	10	10	11	9	8	7	7	8	7	5	5	4	5	8																					
29	5	3	3	3	3	3	5	7	8	7	6	6	5	-	6	5	7	6	7	6	6	7	9	10	6																					
30	12	9	5	5	5	5	6	7	8	7	8	9	9	11	15	14	15	12	11	10	10	8	9	8	9																					
31	7	7	7	6	5	8	8	9	12	10	8	5	5	5	5	5	4	5	6	7	6	6	8	9	7																					
MEAN	7	7	7	6	6	7	8	9	10	10	8	9	9	9	9	8	9	9	9	9	8	7	7	7	8.1																					

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.3	11	22
FEB	29	6.2	11	33
MAR	31	5.1	20	49
APR	28	6.2	10	28
MAY	20	5.5	11	32
JUN	25	6.0	9	24
JUL	30	5.2	10	27
AUG	31	5.6	16	65
SEP	30	6.1	15	49
OCT	29	7.0	16	48
NOV	30	8.8	18	42
DEC	31	8.1	21	58
YEAR	345	6.4	21	65

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	336	312	65	3	0	0	0	716
FEB	345	278	48	10	2	0	0	683
MAR	555	146	24	5	6	2	0	738
APR	371	242	62	7	0	0	0	682
MAY	319	151	24	7	1	0	0	502
JUN	353	209	46	5	0	0	0	613
JUL	495	176	46	3	0	0	0	720
AUG	535	123	50	20	4	3	1	736
SEP	400	227	72	4	2	2	0	707
OCT	340	273	73	14	5	4	0	709
NOV	181	340	157	20	5	1	0	704
DEC	204	402	113	9	4	0	3	735
YEAR	4434	2879	780	107	29	12	4	8245

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.9	1	2.2	3.5	4.7	6.4	10.5	13.6	19.5	24.1	65	6.4

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	1	1	1	1	1	3	1	0	1
2	0	0	0	0	0	0	0	1	1	1	1	2	6	5	6	8	10	12	14	17	8	8	1	0	4
3	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	1	0	0	0	1	1	0	0
4	0	0	0	0	0	0	0	0	0	1	1	1	3	2	2	2	2	1	3	1	0	0	0	0	1
5	0	0	0	0	0	0	0	0	2	4	12	13	10	****	****	-	-	-	-	-	-	-	-	-	*****
6												-	DATA	UNAVAILABLE	-										
7												-	DATA	UNAVAILABLE	-										
8												-	DATA	UNAVAILABLE	-										
9												-	DATA	UNAVAILABLE	-										
10												-	DATA	UNAVAILABLE	-										
11												-	DATA	UNAVAILABLE	-										
12												-	DATA	UNAVAILABLE	-										
13												-	DATA	UNAVAILABLE	-										
14												-	DATA	UNAVAILABLE	-										
15												-	DATA	UNAVAILABLE	-										
16												-	DATA	UNAVAILABLE	-										
17												-	DATA	UNAVAILABLE	-										
18												-	DATA	UNAVAILABLE	-										
19												-	DATA	UNAVAILABLE	-										
20												-	DATA	UNAVAILABLE	-										
21												-	DATA	UNAVAILABLE	-										
22												-	DATA	UNAVAILABLE	-										
23												-	DATA	UNAVAILABLE	-										
24												-	DATA	UNAVAILABLE	-										
25												-	DATA	UNAVAILABLE	-										
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	4	3	3	1	*****
27	0	0	0	0	0	1	2	6	11	15	16	16	12	12	10	10	11	5	5	4	3	4	2	1	6
28	1	2	3	1	1	2	2	2	8	13	13	18	16	11	4	12	7	14	15	12	4	2	1	1	7
29	0	1	1	1	1	1	1	2	3	6	6	14	13	12	11	10	11	9	11	8	4	5	5	3	6
30	6	11	8	5	6	3	5	14	6	9	8	11	12	12	9	10	10	6	2	3	4	3	2	2	7
31	2	1	1	1	0	1	3	7	6	17	16	17	15	11	14	10	5	8	9	9	6	8	4	3	7
MEAN	1	2	1	1	1	1	1	3	4	7	7	9	9	7	7	7	6	6	6	6	3	4	2	1	4.2

PERCENTAGE OF DATA VALID - 31.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 68.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	7	7	7	8	8	2	3	4	5	9	10	8	2	1	1	1	1	0	0	0	1	1	0	4
2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	1	0	0	0	1	2	1	2	10	*****
3	16	8	3	2	4	17	21	18	23	24	23	20	19	18	13	5	5	1	2	0	0	0	1	1	10
4	4	4	****	****	****	****	****	****	****	10	12	14	11	8	7	8	9	9	7	4	3	4	3	4	7
5	3	2	2	2	2	2	3	7	8	1	1	3	2	2	4	3	9	4	3	8	6	9	11	9	4
6	****	****	****	****	****	****	****	7	9	8	11	13	10	13	10	9	6	****	****	****	****	****	****	****	****
7	****	****	****	****	****	****	****	****	****	2	8	14	16	16	17	17	11	8	5	6	****	****	****	****	****
8	****	****	****	****	****	****	****	****	****	1	2	2	3	2	2	3	2	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	9	16	18	15	17	13	10	15	10	3	2	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	4	5	5	4	11	8	****	9	13	15	13	3	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	3	2	3	5	6	6	3	6	8	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	4	13	12	14	12	14	15	14	15	16	5	14	15	8	16	16	13
13	15	7	****	****	****	****	****	****	8	****	8	9	9	6	7	6	8	5	3	2	3	5	6	8	7
14	3	3	2	3	****	****	****	****	5	7	10	10	8	12	11	10	4	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	11	13	14	11	11	8	3	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	4	14	15	8	1	2	1	1	4	2	****	****	****	****	****	****	****	****	****
17	****	13	14	****	****	****	****	2	3	5	5	3	2	5	7	9	17	10	7	1	****	****	****	****	****
18													-	DATA INVALID	-										
19													-	DATA INVALID	-										
20													-	DATA INVALID	-										
21													-	DATA INVALID	-										
22													-	DATA INVALID	-										
23													-	DATA INVALID	-										
24													-	DATA INVALID	-										
25													-	DATA INVALID	-										
26													-	DATA INVALID	-										
27													-	DATA INVALID	-										
28													-	DATA INVALID	-										
29													-	DATA INVALID	-										
MEAN	8	6	6	4	5	9	8	9	8	8	9	9	9	8	8	7	8	7	4	4	4	4	6	7	7.2

PERCENTAGE OF DATA VALID - 34.2

PERCENTAGE OF DATA INVALID - 63.9

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	****	****	****	****	****	****	****	****	****	****	2	2	2	2	****	2	1	0	0	0	0	1	0	0	****
3	0	0	0	0	0	0	2	3	2	1	1	1	2	4	2	2	2	1	1	2	2	3	6	9	2
4	9	8	4	1	1	3	9	10	1	1	2	2	2	2	2	2	3	2	2	2	4	5	1	1	3
5	1	1	1	1	1	2	1	1	1	2	2	2	2	1	2	2	1	1	1	1	3	3	4	14	2
6	19	18	6	6	2	1	3	1	0	0	0	0	0	0	0	0	0	0	1	1	3	9	5	5	3
7	2	4	3	2	2	3	4	4	3	3	3	3	2	****	2	2	2	1	2	4	5	6	4	3	3
8	2	1	0	0	0	1	2	3	3	3	3	3	2	3	3	3	3	2	2	3	4	4	2	2	2
9	2	2	0	1	0	1	2	3	2	8	6	5	5	5	5	5	4	4	5	4	5	7	7	6	4
10	6	8	6	7	6	9	7	5	3	2	2	2	3	3	3	2	2	2	4	4	5	9	6	5	5
11	5	5	4	2	4	4	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	5	5	3	2	2	3	4	4	2	3	2	2	2	3	2	2	2	1	2	2	3	5	4	5	3.0

PERCENTAGE OF DATA VALID - 29.6

PERCENTAGE OF DATA INVALID - 70.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	****	****	****	****	****	****	****	****	****	****	4	5	5	5	5	6	5	5	5	5	5	6	6	6	****
4	6	7	4	3	6	8	9	10	10	6	3	4	4	5	7	7	7	7	6	5	8	8	8	5	6
5	5	7	7	5	6	8	9	9	10	9	10	7	7	7	6	5	4	4	6	3	3	2	3	2	6
6	1	1	1	0	0	2	3	2	1	2	2	3	3	3	4	4	4	3	2	3	3	1	2	1	2
7	1	0	0	0	0	1	1	1	2	1	1	1	1	1	2	2	2	1	1	2	3	2	3	1	1
8	2	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1	2	2	3	5	10	13	11	3
9	3	2	2	2	1	2	6	6	4	3	3	3	4	4	4	4	4	3	3	3	4	4	3	3	3
10	3	3	3	2	3	8	8	16	11	5	6	3	5	5	****	5	5	4	2	4	3	3	2	2	5
11	0	1	3	3	3	5	11	****	****	****	9	8	6	9	6	6	6	6	5	5	6	10	6	11	6
12	8	9	7	7	8	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13																									
14																									
15																									
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	3	4	2	3	2	3	6	7	5	3	3	3	3	2	3	3	2	2	2	4	9	11	20	15	5
18	11	4	8	8	8	16	29	12	12	4	4	3	3	2	2	5	2	2	2	4	5	6	6	9	7
19	11	6	6	6	6	13	17	8	****	7	9	8	9	8	8	7	4	6	7	5	4	4	5	5	7
20	6	8	8	5	6	8	16	10	11	8	5	5	7	6	6	8	7	5	6	8	8	6	6	7	8
21	5	5	4	5	4	6	9	8	10	8	6	5	8	9	6	6	6	5	5	6	8	9	8	8	7
22	9	7	6	9	11	10	8	6	5	5	4	3	4	5	5	6	8	9	11	11	13	14	8	4	8
23	4	3	3	3	1	2	3	4	4	3	4	4	4	5	3	3	2	2	2	2	2	1	0	0	3
24	0	0	0	0	0	2	3	2	3	3	****	4	4	3	3	2	3	2	2	3	3	3	4	6	2
25	7	10	9	7	3	5	8	6	4	5	4	5	4	4	5	5	3	3	4	4	3	3	4	4	5
26	5	5	2	3	3	3	10	10	8	6	3	2	1	4	7	6	8	6	6	6	5	4	4	4	5
27	3	2	3	4	4	6	11	11	11	10	9	8	10	****	8	8	8	9	9	12	10	9	10	11	8
28	11	11	10	9	5	7	5	4	4	3	4	5	4	4	3	3	3	3	4	5	5	5	4	3	5
29	3	2	2	2	3	0	1	0	0	0	0	1	1	1	1	1	1	1	1	2	3	2	3	2	1
30	1	0	1	0	0	2	3	3	2	2	2	2	2	****	2	2	2	1	0	0	0	1	****	0	1
31	0	0	0	0	0	0	2	3	3	5	8	9	8	7	7	7	6	8	4	3	4	7	5	2	4
MEAN	5	4	4	4	4	5	8	6	6	5	5	4	4	5	5	5	4	4	4	4	5	5	6	5	4.7

PERCENTAGE OF DATA VALID - 77.2

PERCENTAGE OF DATA INVALID - 22.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	3	5	5	4	4	3	3	4	5	6	6	4	3	2	1	1	1	1	1	0	3
2	0	0	0	1	1	1	3	3	2	1	1	2	3	3	3	3	2	2	3	3	2	2	1	1	2
3	1	1	0	0	1	0	2	7	7	7	7	6	6	4	5	6	6	8	3	4	6	5	6	6	4
4	6	6	5	2	2	2	1	2	1	2	2	1	2	2	2	2	3	3	3	3	2	1	1	1	2
5	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
6	0	1	2	2	2	1	1	2	2	1	0	1	1	1	1	1	3	3	3	7	6	4	4	4	2
7	5	3	2	6	6	6	6	7	7	10	9	9	9	9	6	9	9	7	9	9	9	8	6	6	7
8	5	4	7	6	5	4	4	5	3	2	2	2	3	3	***	7	6	9	13	18	20	9	7	9	7
9	5	4	4	4	4	6	22	16	12	12	12	7	7	6	6	7	8	6	6	2	1	2	1	1	7
10	1	1	1	0	0	1	2	2	2	2	3	2	4	4	5	4	4	3	****	****	****	****	****	****	2
11	- DATA INVALID -																								
12	- DATA INVALID -																								
13	-	-	-	-	-	-	-	-	-	-	-	-	9	8	8	9	10	8	5	5	4	6	8	8	*****
14	8	8	10	9	7	8	12	16	10	10	10	9	9	8	10	10	9	8	6	5	4	7	6	7	9
15	5	3	3	3	3	3	5	5	4	4	4	5	6	5	4	5	4	4	4	4	3	3	3	3	4
16	3	2	2	2	2	3	5	6	4	5	5	4	6	5	5	6	5	4	3	3	3	3	4	4	4
17	4	3	3	3	3	3	5	4	4	4	4	5	5	5	4	4	4	3	3	3	3	2	2	2	4
18	1	1	1	1	1	3	3	4	3	4	4	4	4	4	4	4	4	5	7	13	15	11	7	3	5
19	2	2	1	2	1	2	2	2	2	2	2	3	5	5	6	6	5	7	5	6	6	6	6	7	4
20	3	4	4	4	2	2	4	4	3	5	4	3	3	3	****	3	4	3	2	2	3	2	2	2	3
21	2	1	1	1	2	2	3	5	4	4	4	3	2	2	****	4	4	3	3	2	2	1	1	1	2
22	1	1	0	0	0	0	1	1	2	2	3	3	3	3	3	3	3	2	2	6	3	3	2	2	2
23	1	1	1	1	1	5	6	3	2	2	3	2	2	3	3	4	3	2	3	3	2	2	0	2	2
24	1	0	0	0	0	1	4	6	8	6	3	6	3	4	4	4	5	5	5	4	2	3	4	7	4
25	8	10	8	6	5	6	5	6	5	4	3	4	3	3	2	2	2	2	3	3	2	3	2	2	4
26	3	3	2	1	1	2	2	2	2	1	1	2	2	2	2	3	3	3	2	3	3	2	1	1	2
27	1	1	1	1	0	2	5	5	3	2	2	3	3	***	2	3	1	0	1	0	0	1	0	0	2
28	2	1	0	0	0	2	3	4	4	4	3	2	3	3	3	3	2	2	5	5	4	4	4	3	3
29	5	5	4	4	4	4	4	5	4	-	3	3	2	2	2	2	2	2	2	2	3	2	1	1	3
30	1	1	1	1	1	8	22	19	7	6	6	4	5	5	5	6	4	5	4	3	3	3	3	2	5
MEAN	3	3	2	2	2	3	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3.7

PERCENTAGE OF DATA VALID - 90.1

PERCENTAGE OF DATA INVALID - 8.1

PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION														
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - OCT 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	2	2	3	2	2	1	10	10	4	-	8	10	8	7	6	5	6	5	15	14	3	1	2	2	6		
2	3	3	3	4	3	4	7	5	3	1	2	4	6	4	4	4	2	2	3	7	8	18	18	20	6		
3	23	8	2	2	2	1	1	1	1	2	2	3	3	2	3	3	3	2	3	3	6	14	7	1	4		
4	1	1	1	1	1	1	5	5	2	2	3	3	3	6	5	4	2	2	4	3	2	2	1	1	3		
5	1	1	2	1	3	2	3	2	2	3	2	2	2	-	2	2	2	1	1	1	1	2	2	2	2		
6	2	2	1	1	1	1	1	3	2	2	2	1	1	1	2	1	0	0	0	1	0	0	0	0	1		
7	-	-	-	0	0	0	2	3	3	2	2	2	2	3	2	3	3	2	2	1	1	0	0	0	2		
8	0	0	0	1	2	1	4	5	5	4	3	6	3	3	3	-	3	3	2	2	2	2	2	1	2		
9	1	1	1	0	0	0	0	0	1	2	2	2	3	3	2	2	2	2	1	2	2	2	1	1	1		
10	1	1	1	1	1	2	2	2	2	2	2	3	1	1	1	1	1	1	7	8	5	2	1	1	2		
11	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	1	2	2	1	1	2	2	2	1		
12	1	2	1	2	2	4	4	4	3	5	3	3	2	2	2	3	2	2	2	4	4	5	5	5	3		
13	7	3	1	1	1	2	3	4	5	5	3	3	3	3	3	3	3	3	2	2	2	1	2	2	3		
14	1	1	1	1	2	2	2	3	4	5	5	4	5	4	3	3	4	2	2	2	1	3	4	5	3		
15	6	4	2	3	3	2	3	4	4	4	2	2	3	2	2	2	2	2	1	2	1	2	2	1	3		
16	2	2	1	0	1	1	1	2	2	3	3	3	2	2	2	3	2	2	2	2	1	2	1	1	2		
17	2	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1		
18	0	1	0	0	1	3	3	3	3	3	3	2	3	4	3	2	2	3	4	3	3	2	-	-	2		
19	-	-	-	-	-	1	2	3	4	3	5	4	1	2	2	3	4	4	3	3	3	2	2	1	3		
20	1	1	4	10	6	8	7	11	8	-	-	-	-	-	3	4	3	2	1	2	1	1	1	1	4		
21	1	1	1	1	1	1	1	2	4	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	2		
22	2	1	1	1	1	1	2	2	3	4	-	-	-	2	2	3	2	2	2	2	2	2	2	2	2		
23	3	3	4	4	3	4	4	5	6	6	6	3	3	4	5	5	7	5	3	3	3	3	2	4	4		
24	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	4	2	2	2	2	2	2	1	2		
25	1	0	0	0	0	1	2	2	2	2	2	2	2	3	4	4	4	2	2	2	3	2	1	0	2		
26	-	-	-	-	-	-	-	-	-	-	-	-	3	3	4	-	-	-	-	-	-	-	-	-	*****		
27	- DATA UNAVAILABLE -																										
28	3	3	2	2	3	4	5	5	7	7	5	4	4	-	-	5	5	5	8	9	7	5	3	3	5		
29	4	4	3	2	2	3	6	8	13	8	5	3	3	3	3	3	4	6	10	12	12	11	12	12	6		
30	9	11	11	8	8	9	5	7	8	9	10	11	10	11	9	8	7	9	7	6	5	5	3	2	8		
31	2	1	1	1	1	1	2	2	2	1	1	2	1	1	1	1	2	1	2	3	3	4	4	3	2		
MEAN	3	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	2.9		

PERCENTAGE OF DATA VALID - 90.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 9.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

MONTH - NOV 76

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. "-." INDICATES DATA IS UNAVAILABLE  
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNIT5 - 0.01 PART5/MILLION

MONTH - DEC 76

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	9	4.2	7	18
FEB	6	7.2	13	24
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	8	3.0	5	19
JUL		DATA UNAVAILABLE		
AUG	23	4.7	8	29
SEP	27	3.7	9	22
OCT	29	2.9	8	23
NOV	22	4.9	9	20
DEC	25	5.9	12	20
YEAR	149	4.5	13	29

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	DO TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	163	35	38	0	0	0	0	236
FEB	112	66	56	4	0	0	0	238
MAR		DATA UNAVAILABLE						
APR		DATA UNAVAILABLE						
MAY		DATA UNAVAILABLE						
JUN	186	24	3	0	0	0	0	213
JUL		DATA UNAVAILABLE						
AUG	376	167	30	1	0	0	0	574
SEP	517	117	13	2	0	0	0	649
OCT	603	55	17	1	0	0	0	676
NOV	384	122	35	0	0	0	0	541
DEC	344	184	86	0	0	0	0	614
YEAR	2685	770	278	8	0	0	0	3741

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
64.1	0	0.3	1.7	2.9	4.8	9.0	11.4	14.4	15.9	29	4.5

UNIT5 - 0.01 PARTS/MILLION

STATION - SW NO 15001

WESTERN FAIR GROUNDS5 KING/RECTORY, LONDON

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	3	4	6	4	5	7	4	2	3	2	2	1	2	2	2	2	3	3	5	5	4	4	4
2	5	4	5	7	8	9	9	9	9	8	4	8	7	6	6	5	8	8	9	5	4	5	4	4	7
3	4	4	4	3	3	2	2	3	4	4	5	5	6	5	5	6	6	4	3	3	3	3	3	2	4
4	3	3	2	3	2	2	2	3	3	2	3	2	2	2	2	2	2	3	4	4	3	3	3	3	3
5	2	3	2	3	3	3	5	9	13	-	-	-	5	6	7	9	10	11	12	21	10	6	7	8	7
6	5	5	5	4	4	10	12	16	16	12	8	8	11	8	8	9	11	13	8	8	6	6	8	5	9
7	4	4	3	4	4	3	6	9	12	10	8	3	3	3	3	5	5	3	3	2	2	2	2	2	4
8	2	2	4	3	3	3	4	6	7	5	4	4	4	4	4	5	9	10	9	11	6	5	5	4	5
9	6	6	5	4	4	4	5	7	9	11	11	11	11	6	5	***	7	12	12	7	6	6	5	7	7
10	9	12	12	11	11	11	12	14	16	18	18	19	14	9	7	9	14	7	9	9	6	6	4	4	11
11	4	4	4	4	4	3	3	3	3	3	5	6	6	6	7	11	6	6	5	4	5	4	4	4	5
12	3	3	4	2	2	2	3	5	9	7	4	5	6	9	11	14	16	11	19	15	8	8	10	6	8
13	7	7	7	7	7	10	14	19	20	16	15	14	15	8	****	12	13	10	11	10	12	11	6	4	11
14	3	1	2	2	2	3	5	5	6	5	4	7	12	15	18	19	20	25	24	19	18	18	16	15	11
15	15	14	14	14	14	15	16	19	21	23	24	22	22	23	23	23	24	23	23	21	19	21	23	18	20
16	19	21	21	21	23	21	21	23	26	26	26	25	24	23	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	***	***	4	7	4	3	4	3	4	6	12	12	17	14	13	23
18	25	26	21	10	17	27	25	26	41	47	35	10	5	6	5	8	5	11	17	19	23	28	28	37	21
19	21	10	7	9	7	14	11	11	11	****	8	8	9	8	10	12	11	10	8	12	6	4	5	8	10
20	4	4	5	3	5	5	6	7	8	7	7	6	7	5	5	5	6	9	8	10	17	13	7	6	7
21	6	5	5	5	4	3	5	6	7	8	6	6	6	5	5	5	5	4	2	2	3	2	2	2	5
22	2	2	1	1	1	2	2	3	4	4	3	2	2	2	4	4	5	4	4	4	3	5	5	3	3
23	3	4	6	6	6	6	9	9	8	7	4	6	5	5	***	5	6	5	4	5	4	6	6	6	6
24	5	4	4	4	3	3	3	4	3	4	4	6	6	5	5	8	8	7	9	27	24	25	30	24	9
25	14	9	7	6	6	5	5	6	5	6	5	6	6	4	7	5	5	4	4	4	3	3	4	4	6
26	4	3	4	5	5	5	4	8	13	13	***	8	6	6	7	6	7	6	4	5	4	2	3	3	6
27	3	4	4	1	1	1	2	5	4	4	4	3	3	3	3	4	5	6	4	4	3	3	3	3	3
28	2	3	4	4	4	4	6	10	14	11	7	6	4	5	6	7	7	8	8	11	6	6	5	6	6
29	4	4	4	4	4	3	2	3	3	2	2	2	3	3	3	4	3	4	4	4	4	5	5	5	3
30	5	8	8	11	11	11	10	12	11	7	***	3	5	5	5	4	6	7	10	11	11	10	13	18	9
31	20	15	20	29	24	21	19	17	13	8	11	9	17	18	9	6	10	9	5	7	6	4	3	4	13
MEAN	7	7	7	6	7	7	8	9	11	10	9	8	8	7	7	7	8	8	8	9	8	8	8	8	7.7

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 3.5

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. " - " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 5W NO 15001

WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - FEB 76

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	3	3	4	5	5	6	6	6	7	6	5	5	2	1	2	2	2	1	2	2	2	4
2	1	2	1	1	2	2	2	2	2	2	2	1	2	1	3	4	4	5	7	8	7	7	7	5	3
3	5	5	6	6	6	8	9	15	14	11	9	7	6	5	6	6	8	11	12	12	6	5	4	4	8
4	5	7	4	4	4	4	5	6	5	4	3	3	3	3	4	3	4	6	6	7	6	7	7	12	5
5	21	28	26	25	26	19	26	25	9	6	4	4	5	5	9	9	5	4	4	5	5	8	7	10	12
6	8	8	8	9	12	7	6	8	7	4	3	3	3	3	4	4	5	6	7	7	7	5	3	3	6
7	3	3	3	3	3	3	3	3	5	7	6	7	11	8	7	5	6	6	4	4	2	2	2	2	5
8	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	6	7	3
9	7	7	6	15	25	35	38	57	74	54	26	22	***	***	***	***	***	***	***	***	***	***	***	***	***
10																									
11																									
12																									
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25																									
26																									
27																									
28																									
29																									
MEAN	6	7	7	8	9	9	11	14	14	11	7	6	5	4	5	5	4	5	6	6	5	5	5	6	7.1

PERCENTAGE OF DATA VALID - 29.3

PERCENTAGE OF DATA INVALID - 7.3

PERCENTAGE OF DATA UNAVAILABLE - 63.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. " - " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28	-	-	-	-	-	-	-	-	-	-	-	-	4	4	5	4	4	4	4	4	3	4	5	5	*****
29	4	4	3	3	3	4	8	10	7	5	4	3	3	3	4	5	3	3	3	3	3	5	6	5	4
30	4	5	2	2	2	2	3	3	4	4	4	2	4	4	4	5	5	5	5	4	4	5	6	3	4
MEAN	4	5	3	3	3	3	6	7	6	5	4	3	4	4	4	5	4	4	4	4	3	5	6	4	4.1

PERCENTAGE OF DATA VALID - 8.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 91.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	3	3	3	3	2	2	2	2	2	2	1	2	2	3	3	3	3	3	2	3	2
2	3	2	3	3	3	3	4	4	3	-	3	2	3	3	3	2	2	2	2	3	4	3	3	4	3
3	4	2	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	6	3	2
4	5	3	2	1	1	1	1	0	0	0	0	1	2	2	3	2	2	1	1	2	7	10	11	6	3
5	5	3	3	3	4	8	12	8	4	3	2	2	3	2	3	6	7	6	9	7	5	8	12	9	6
6	12	12	7	5	6	11	13	7	-	4	2	2	4	2	3	5	3	2	3	4	6	8	6	6	6
7	7	6	4	2	3	3	4	6	5	4	3	3	4	5	3	4	4	5	7	6	3	3	5	5	4
8	3	3	2	2	2	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	5	8	3	2	-	1	1	2	2	2	5	5	2	4	5	8	8	9	7	4
10	8	4	2	3	2	4	2	4	3	3	4	3	3	3	3	3	3	4	5	4	5	8	9	5	4
11	4	4	4	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	1	1	0	0	0	1	2	2	2	2	1	2	3	2	2	2	2	2	2	2	2	3	2	2	2
13	2	2	2	2	2	3	3	4	-	3	2	3	3	2	2	3	4	3	2	2	3	5	6	7	3
14	6	4	3	4	3	5	9	19	15	12	10	5	4	3	3	4	3	3	3	4	3	4	5	2	6
15	3	3	3	3	3	5	7	6	5	3	4	3	3	2	2	3	3	2	3	3	5	6	7	4	4
16	4	2	2	2	3	5	5	3	3	2	2	3	3	3	3	3	4	3	3	3	4	4	5	4	3
17	4	2	2	2	4	5	4	3	2	2	2	2	2	2	3	4	3	5	7	6	6	7	8	6	4
18	6	5	5	4	5	5	5	4	4	4	4	3	4	2	2	2	2	3	3	5	9	10	5	3	4
19	2	2	2	2	4	8	8	6	6	5	6	-	3	4	4	4	4	3	6	3	4	4	5	4	4
20	2	2	3	4	4	6	7	7	6	5	4	3	4	4	4	4	4	4	5	5	4	3	3	3	4
21	2	2	2	2	2	2	3	4	3	2	2	2	3	2	4	4	4	2	2	3	5	6	6	3	3
22	2	1	2	2	2	3	5	5	4	3	2	2	2	2	2	2	2	2	2	1	2	2	3	2	2
23	2	3	3	4	4	5	8	6	5	5	6	5	3	3	4	3	3	2	3	4	8	3	4	5	4
24	5	3	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	3	2	3	2
25	3	3	3	2	1	2	2	2	1	1	1	1	2	1	1	2	0	2	2	2	3	9	6	6	2
26	4	5	4	3	2	3	5	6	-	3	3	3	3	3	3	3	3	3	4	4	4	5	3	3	4
27	2	2	2	1	2	5	8	7	5	3	3	3	3	3	2	2	2	2	2	4	10	24	20	14	5
28	10	7	5	3	5	10	12	10	6	4	2	2	2	2	2	2	3	3	3	3	3	2	3	3	4
29	1	2	2	2	3	3	3	4	3	4	6	7	4	5	3	4	3	3	3	3	3	3	3	2	3
30	2	2	2	2	2	2	2	3	2	-	2	2	2	2	2	2	2	3	4	5	5	6	8	6	3
31	5	4	3	3	4	4	3	3	3	3	3	2	2	2	2	2	2	1	1	2	2	2	2	2	3
MEAN	4	3	3	2	3	4	5	5	4	3	3	3	3	3	3	3	3	3	3	3	4	5	6	4	3.5

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MEAN

HOUR DAY	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION									
	STATION - SW NO 15001															MONTH - AUG 76									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	3	3	3	3	3	2
2	5	4	4	7	9	9	18	12	-	2	2	2	2	2	2	2	2	2	2	3	5	6	6	10	5
3	9	6	4	4	9	9	26	24	5	4	3	3	2	3	2	3	3	3	5	5	7	11	5	4	7
4	5	4	4	5	5	10	23	10	4	3	2	2	2	2	3	4	5	6	7	6	7	9	8	3	6
5	3	2	3	4	3	5	5	4	4	3	4	3	-	5	6	5	7	5	8	7	3	3	2	2	4
6	2	2	2	2	2	2	4	2	2	2	2	1	2	1	1	1	2	2	2	3	4	4	4	3	2
7	3	2	1	1	2	2	1	2	2	2	2	2	2	3	4	5	7	6	5	6	4	3	3	2	3
8	2	2	1	1	0	1	1	1	2	2	2	2	3	4	4	6	5	3	3	5	10	8	4	4	3
9	4	3	2	2	2	5	9	4	2	2	2	-	2	2	2	3	3	3	3	3	3	4	6	6	3
10	5	3	3	3	3	6	10	9	4	2	2	2	2	2	2	2	3	3	4	4	4	8	8	9	4
11	6	6	4	3	4	5	6	8	5	5	3	4	3	4	4	5	4	4	6	6	5	7	5	5	5
12	4	3	5	6	6	6	7	6	5	6	6	5	5	3	3	4	3	4	5	6	7	4	3	3	5
13	3	3	2	2	3	3	6	5	-	-	3	3	3	4	4	6	7	6	4	5	6	5	4	4	4
14	4	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	5	3
15	3	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	4	4	4	5	3	2
16	3	3	2	2	3	6	6	5	-	2	2	2	2	2	3	3	2	2	3	6	7	7	8	9	4
17	14	9	6	6	6	9	15	8	4	3	3	3	4	4	4	4	4	3	3	4	6	8	10	8	6
18	9	8	7	5	6	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
19																									
20	-	-	-	-	-	-	-	-	-	5	3	3	3	3	3	4	5	5	7	13	13	14	15	19	*****
21	24	17	13	10	9	6	5	6	7	5	3	3	3	3	3	3	3	4	8	7	7	9	14	17	8
22	19	14	13	13	8	8	8	7	4	3	3	2	2	2	2	2	2	3	4	5	5	6	6	4	6
23	4	4	3	3	2	2	4	5	-	2	2	2	2	2	3	3	2	2	3	4	3	2	3	2	3
24	2	2	3	2	3	3	4	3	2	2	2	2	2	2	2	2	2	2	4	5	4	3	4	6	3
25	6	4	4	4	4	5	9	10	5	4	3	2	2	3	3	4	4	4	5	7	11	14	9	8	6
26	9	9	11	-	-	-	-	-	-	-	-	-	2	2	3	3	3	3	4	3	3	4	4	3	*****
27	3	2	2	2	1	3	5	6	5	4	4	3	4	3	-	4	4	4	5	5	4	4	3	3	4
28	4	3	3	3	2	3	4	3	3	3	3	3	3	3	3	3	3	3	4	7	5	6	3	3	3
29	2	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	3	6	9	7	4	2
30	3	3	4	4	3	6	9	7	4	-	-	2	2	2	2	3	3	3	3	5	5	10	16	13	5
31	9	19	17	13	10	13	21	30	11	5	5	4	3	4	4	4	4	4	5	5	4	4	3	3	9
MEAN	6	5	4	4	4	5	8	7	4	3	3	2	2	3	3	3	3	3	4	5	5	6	6	6	4.4

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 9.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

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POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION																			
STATION - SW NO 15001															WESTERN FAIR GROUNDS KING/RECTORY.LONDON										MONTH - SEP 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN									
1	3	3	3	3	3	5	8	11	5	5	4	4	4	4	4	4	4	3	3	3	3	3	3	3										
2	3	3	3	2	4	7	6	3	3	2	2	2	2	2	2	2	2	2	3	8	7	-	-	-	3									
3	-	-	-	-	-	-	-	-	-	-	-	5	5	4	5	5	4	5	5	5	5	6	4	3	*****									
4	2	2	2	2	2	3	3	4	5	4	4	3	3	3	3	3	3	3	4	6	3	2	2	2	3									
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	2									
6	3	4	3	3	4	7	10	5	2	2	0	0	1	1	1	2	2	2	4	12	4	4	4	3	3									
7	5	10	4	4	11	7	13	9	6	5	5	3	4	5	5	6	5	5	6	6	6	5	4	4	6									
8	5	4	5	5	5	10	28	14	7	-	-	2	2	-	2	4	2	3	6	8	9	11	13	14	8									
9	14	16	14	13	13	22	28	25	23	7	4	4	4	5	5	7	5	5	6	6	5	2	2	2	10									
10	2	2	2	2	2	2	4	4	5	-	4	3	3	4	5	5	5	6	5	5	5	6	6	7	4									
11	7	6	6	4	5	4	4	4	4	5	4	2	4	4	4	4	4	5	10	21	31	29	34	27	10									
12	19	6	5	4	5	10	8	6	4	5	5	3	4	3	4	4	4	5	10	16	19	14	12	10	8									
13	15	9	3	4	4	14	28	17	10	11	4	4	4	-	3	5	5	6	6	8	11	11	10	14	9									
14	5	5	6	5	4	7	17	17	10	7	6	5	4	4	5	5	6	7	8	5	4	5	8	7	7									
15	4	3	3	5	5	9	19	8	3	3	3	4	3	3	3	4	5	4	5	6	6	4	4	5	5									
16	5	4	5	4	4	6	6	8	-	4	4	3	4	4	5	4	4	4	5	5	4	4	4	3	4									
17	4	4	4	4	3	3	4	4	4	3	3	3	5	6	6	6	6	5	5	5	5	5	4	3	4									
18	3	2	2	2	2	2	2	3	4	4	4	3	3	4	3	3	4	4	7	8	8	11	16	25	5									
19	34	37	20	16	13	10	6	3	3	2	2	3	2	3	3	3	3	6	8	5	10	12	8	6	9									
20	3	3	5	5	5	5	5	5	4	4	3	4	3	-	3	4	5	4	2	2	3	3	4	7	4									
21	2	3	3	4	8	10	13	9	6	4	4	3	4	5	6	16	6	4	4	4	5	4	4	2	6									
22	2	2	2	2	2	4	7	5	4	4	4	4	5	4	5	6	6	5	11	20	14	15	16	13	7									
23	9	5	6	4	4	5	6	7	5	5	5	4	3	2	4	4	5	6	9	10	10	8	7	6	6									
24	6	7	6	4	10	26	38	27	6	5	4	4	4	4	3	4	5	5	7	9	10	14	15	23	10									
25	30	26	23	27	28	30	33	22	14	9	6	6	4	5	5	5	5	8	10	16	28	29	13	6	16									
26	5	4	4	3	4	4	4	5	6	5	5	5	4	4	4	4	4	5	5	4	4	5	5	3	4									
27	4	4	2	2	2	3	5	5	5	-	3	3	4	5	5	6	5	7	7	5	4	4	3	1	4									
28	1	1	2	3	3	6	12	11	3	2	2	2	3	3	4	4	6	7	10	12	13	7	8	8	6									
29	6	4	4	5	5	7	11	14	11	6	5	4	5	5	6	6	6	6	7	9	9	8	9	9	7									
30	4	4	3	4	7	18	46	57	25	6	3	3	3	3	4	5	6	9	23	23	26	41	26	14	15									
MEAN	7	6	5	5	6	8	13	11	7	5	4	3	4	4	4	5	4	5	7	9	9	10	9	8	6.5									



## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001

WESTERN FAIR GROUND 5 KING/RECTORY, LONDON

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	9	7	6	14	16	22	19	10	6	3	3	4	4	5	5	7	10	16	20	23	27	31	12
2	24	11	9	8	7	10	20	16	9	6	4	3	2	2	2	4	5	11	16	21	25	29	37	34	13
3	25	23	18	14	12	14	14	9	6	4	2	2	3	3	2	2	3	3	3	4	6	6	6	5	8
4	3	3	2	2	4	4	9	10	8	4	3	3	4	4	4	4	5	8	13	14	7	4	6	6	6
5	5	4	4	4	4	4	5	6	7	6	6	5	5	5	5	5	4	5	5	4	4	4	4	4	5
6	4	4	4	5	5	5	8	7	6	4	5	6	7	8	8	9	8	6	2	2	2	2	2	2	5
7	1	1	2	1	2	2	3	4	5	2	2	2	4	4	5	5	4	4	7	6	4	4	4	3	3
8	4	2	1	1	1	3	4	6	5	3	3	4	4	5	5	5	4	4	4	4	4	6	5	3	4
9	4	3	2	1	1	2	2	2	2	3	4	4	4	5	3	3	3	3	4	4	3	4	5	5	3
10	4	1	1	1	1	3	3	3	2	2	2	3	3	2	2	3	3	4	8	10	12	13	11	11	5
11	14	13	8	7	8	9	11	10	7	5	3	3	4	6	6	5	6	8	9	8	9	13	21	9	8
12	9	8	7	7	6	10	25	32	-	7	8	7	6	7	7	7	7	7	6	6	7	8	6	4	9
13	2	4	3	4	4	4	6	8	8	4	4	5	4	4	4	4	4	4	7	6	5	5	2	1	4
14	1	1	1	1	1	2	4	5	-	4	3	3	3	5	3	6	7	8	11	8	6	7	7	5	4
15	4	3	3	3	3	5	7	11	8	7	5	5	5	4	4	5	5	4	5	6	5	7	6	6	5
16	5	3	3	1	1	1	3	4	4	4	5	5	4	4	5	6	5	5	7	5	4	5	6	8	4
17	7	3	1	2	2	2	2	3	3	3	2	3	2	3	2	2	2	3	4	5	6	5	3	3	3
18	2	2	1	2	2	5	7	10	14	8	6	4	3	3	4	5	4	5	6	12	19	17	5	4	6
19	3	2	2	2	3	4	6	6	-	5	4	3	4	6	6	6	7	5	3	3	3	3	3	3	4
20	3	4	4	4	6	6	13	19	-	14	14	9	7	8	6	9	11	8	6	6	7	8	9	4	8
21	3	1	1	1	1	3	5	10	6	4	5	5	5	5	6	6	7	5	5	6	5	4	3	3	4
22	3	2	2	1	1	3	4	6	-	5	5	4	4	5	4	5	7	7	6	6	7	7	6	5	5
23	5	5	4	4	5	6	10	10	10	7	5	5	6	5	5	9	11	21	14	14	12	11	7	5	8
24	5	4	3	3	2	2	3	4	4	4	3	5	5	5	5	4	4	4	5	6	6	5	3	2	4
25	2	1	2	1	3	2	4	4	-	4	4	4	4	4	4	5	4	7	10	7	6	9	10	7	5
26	9	7	4	5	4	7	12	12	5	3	2	2	3	4	4	5	5	7	6	4	4	5	6	5	5
27	5	3	3	3	4	8	16	13	6	3	2	4	4	5	4	5	6	8	10	8	7	16	12	7	7
28	5	4	4	4	4	7	12	15	10	9	8	6	6	-	9	10	8	8	10	8	7	7	6	4	7
29	4	4	4	4	5	8	15	14	10	9	8	8	9	9	9	9	11	16	22	11	9	12	9	7	9
30	9	6	5	5	6	6	7	11	14	13	14	21	13	12	9	12	9	8	9	8	6	6	4	3	9
31	3	3	3	3	4	4	3	3	4	5	4	3	3	3	2	2	4	4	4	6	10	6	5	4	4
MEAN	6	5	4	4	4	5	8	10	7	6	5	5	5	5	5	6	6	7	8	8	8	8	8	7	6.1

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001

WESTERN FAIR GROUND 5 KING/RECTORY, LONDON

MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	4	5	4	6	25	50	11	17	5	5	5	2	-	6	8	12	48	67	36	40	51	58	21
2	49	38	27	20	15	6	10	17	20	-	-	11	10	9	12	12	11	13	10	10	7	8	9	11	15
3	9	6	6	7	6	6	7	10	14	13	9	6	7	6	8	8	10	14	19	17	23	28	31	18	12
4	10	11	14	12	16	16	12	12	15	13	7	12	11	10	11	11	14	9	8	10	7	8	8	11	11
5	10	8	7	7	6	7	6	8	10	12	11	8	7	6	5	6	-	11	14	21	10	10	11	11	9
6	6	6	3	3	3	3	3	4	7	6	8	7	6	7	7	7	10	9	9	11	6	7	6	5	6
7	4	4	2	2	2	2	1	2	2	2	3	3	3	3	2	2	3	5	3	2	2	2	2	3	3
8	1	1	1	1	1	1	5	5	4	2	-	-	4	4	4	5	4	6	6	9	6	8	14	13	5
9	12	10	6	6	6	5	7	12	8	9	9	9	8	9	10	10	12	15	13	14	16	11	9	8	10
10	6	4	2	2	2	1	3	7	8	7	6	4	4	6	6	6	9	10	15	12	6	5	4	4	6
11	4	2	1	1	2	2	3	6	6	4	4	3	5	4	6	6	9	9	10	21	19	14	8	7	7
12	6	7	4	4	4	4	8	9	12	7	5	4	4	4	6	7	7	10	7	7	8	6	4	4	6
13	4	3	2	2	3	3	3	3	4	4	5	5	5	4	4	4	6	7	6	6	6	5	4	4	4
14	4	4	4	5	5	5	4	4	5	4	4	4	4	5	5	8	10	8	11	9	8	10	8	8	6
15	6	6	5	5	5	6	10	28	24	-	10	8	7	7	7	8	13	28	53	73	30	18	31	17	18
16	8	6	4	4	4	5	13	23	19	14	8	8	6	6	6	7	14	19	21	12	10	10	9	9	10
17	9	8	9	7	7	7	10	13	14	10	8	7	9	10	11	11	15	13	8	9	6	4	6	8	9
18	10	9	5	4	4	4	5	7	9	5	5	4	4	5	6	8	9	10	9	-	6	4	5	6	6
19	4	4	4	4	4	5	5	6	8	5	5	4	4	4	4	5	6	4	8	7	6	4	4	5	5
20	5	5	3	2	1	2	1	3	4	2	5	5	5	5	5	5	5	5	5	4	4	3	4	2	4
21	3	3	2	3	3	3	3	3	3	3	4	4	3	4	3	3	2	2	2	2	2	3	1	1	3
22	1	1	1	1	1	1	2	3	3	-	-	2	3	4	4	4	4	4	4	4	3	3	3	2	3
23	1	1	2	2	2	2	2	3	4	4	4	4	4	4	4	5	6	6	5	5	5	3	4	3	4
24	3	3	3	3	3	3	4	9	9	8	7	7	7	7	6	9	9	8	7	7	6	6	5	5	6
25	5	4	5	6	6	5	7	12	11	7	7	7	7	7	10	9	9	8	6	5	4	4	4	6	7
26	4	6	4	3	4	5	5	6	7	4	6	5	5	6	6	7	6	6	8	10	7	8	9	7	6
27	5	5	4	3	2	3	5	3	2	3	3	4	5	5	4	6	6	7	5	5	5	6	6	4	4
28	4	4	3	1	1	1	1	1	1	1	3	2	3	3	2	2	3	3	3	3	3	1	2	1	2
29	1	1	1	1	1	1	2	4	5	4	4	3	3	3	-	5	5	6	4	4	5	5	6	4	3
30	3	4	3	3	3	3	4	7	7	5	4	4	5	5	4	4	5	7	6	6	6	9	7	8	5
MEAN	7	6	5	4	4	4	6	9	9	6	6	5	5	6	6	7	8	9	11	13	9	8	9	8	7.1

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001

WESTERN FAIR GROUND KING/RECTORY, LONDON

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	7	7	10	13	7	8	8	9	7	8	8	9	8	7	8	8	8	9	8	9	7	6	8
2	4	3	4	4	5	5	4	4	5	2	2	3	2	3	3	4	6	6	4	3	3	4	5	4	4
3	4	4	3	3	4	4	5	13	19	14	11	-	7	7	8	10	7	6	7	8	6	7	8	6	7
4	6	5	4	4	4	4	4	4	5	12	9	7	7	8	8	9	15	12	11	9	6	10	7	6	7
5	7	8	6	4	3	5	3	4	3	5	7	7	8	11	11	6	4	4	2	2	3	3	3	3	5
6	4	4	5	5	5	5	5	8	9	8	10	11	7	8	-	-	16	22	29	18	11	7	7	8	10
7	6	4	8	11	6	4	2	3	3	3	3	3	4	4	3	4	5	4	3	3	3	3	3	3	4
8	2	1	2	2	1	2	2	7	11	11	16	10	6	7	8	8	10	13	14	12	3	3	4	4	7
9	3	3	3	3	3	3	4	6	10	9	11	11	11	12	9	9	8	7	7	8	6	4	4	4	7
10	7	6	6	3	3	3	3	5	5	6	7	8	7	8	6	7	7	6	7	7	5	4	3	2	5
11	2	3	2	1	1	1	2	2	3	6	6	5	9	9	8	7	12	13	12	9	8	8	7	7	6
12	5	7	4	4	4	5	6	6	6	7	7	7	8	9	11	11	8	6	4	3	3	1	0	1	6
13	0	0	0	0	0	0	1	2	3	2	-	3	4	6	7	4	5	9	20	29	15	15	10	13	6
14	5	5	3	2	3	3	5	6	7	5	5	5	4	6	5	6	6	5	6	5	3	4	4	5	5
15	4	4	4	4	5	5	10	17	21	13	10	8	7	9	9	9	16	24	19	15	9	14	12	12	11
16	7	8	9	9	8	10	10	17	20	19	18	17	17	18	15	15	15	13	9	9	8	7	6	7	12
17	6	4	3	2	3	4	6	8	7	6	6	5	3	3	4	5	6	4	2	2	2	3	3	3	4
18	3	4	2	1	1	1	1	2	3	4	5	6	5	6	5	7	6	8	8	9	8	7	6	6	5
19	7	10	12	10	7	6	4	5	7	6	7	7	8	9	9	13	20	27	24	18	14	13	13	17	11
20	17	13	9	9	6	8	9	10	6	-	2	3	2	3	2	3	4	4	2	2	2	1	0	0	5
21	0	1	2	0	0	0	1	1	1	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	2
22	2	2	2	3	3	3	4	4	7	7	7	7	6	7	8	7	7	8	9	6	5	5	6	6	6
23	4	3	4	3	3	3	3	6	6	7	8	9	9	9	6	5	7	5	2	2	2	3	3	3	5
24	3	3	3	2	3	4	8	11	12	10	8	8	7	6	8	10	10	7	5	5	4	4	6	6	6
25	4	4	2	2	2	2	2	4	5	4	5	4	4	4	6	7	6	6	6	5	4	3	5	3	4
26	3	4	3	4	4	6	4	5	4	4	4	4	4	3	3	3	3	3	3	3	3	2	3	4	4
27	2	1	1	1	1	1	1	1	3	3	7	6	6	7	7	5	6	6	8	8	4	5	7	8	4
28	3	3	3	3	3	3	2	4	7	7	6	7	7	9	7	6	7	7	7	7	5	5	5	5	5
29	4	3	2	2	2	2	2	3	3	4	4	4	4	4	4	5	5	7	6	7	7	8	6	7	4
30	6	6	7	9	6	6	9	8	9	17	19	18	20	14	7	5	7	11	16	13	12	7	6	5	10
31	5	3	4	4	4	4	4	4	6	4	5	5	4	4	4	4	4	3	3	3	3	3	1	1	4
MEAN	5	4	4	4	4	4	4	6	7	7	7	7	7	7	7	7	8	9	9	8	6	6	5	5	6.1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	7.9	21	47
FEB	8	7.1	12	74
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	2	4.1	4	10
JUL	31	3.5	6	24
AUG	27	4.4	9	30
SEP	29	6.5	16	57
OCT	31	6.1	13	37
NOV	30	7.1	21	73
DEC	31	6.1	12	29
YEAR	218	6.0	21	74

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	350	200	112	49	2	2	0	715
FEB	117	61	11	10	2	0	3	204
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	55	5	0	0	0	0	0	60
JUL	639	84	13	1	0	0	0	737
AUG	522	117	29	6	0	0	0	674
SEP	466	140	56	27	6	2	1	698
OCT	439	218	62	14	4	0	0	737
NOV	357	254	73	12	5	3	5	709
DEC	383	274	75	7	0	0	0	739
YEAR	3328	1353	431	126	19	7	9	5273

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
80.2	0	1.4	2.7	3.9	5.8	10.7	15.4	23.2	27.4	74		6.0

	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
	STATION - WC NO 22071					EXPERIMENTAL FARM SIMCOE						MONTH - JAN 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3	2	1	
2	3	4	3	2	3	2	1	1	1	1	****	2	2	2	2	3	3	3	4	4	4	3	2	1	2	
3	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	
4	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
5	1	1	1	0	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	2	2	1	2	1	
6	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	3	4	3	5	5	4	3	3	3	3	
7	2	2	2	2	1	1	1	1	1	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	1	
8	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	1	1	2	2	2	2	2	1	1	
9	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	
10	3	3	3	3	3	3	3	3	3	3	1	0	0	0	0	1	1	2	2	2	2	3	2	2	2	
11	3	2	2	2	3	3	3	3	2	3	3	3	3	2	1	1	1	1	1	2	2	3	3	2	2	
12	2	2	3	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	1	2	2	
13	1	2	2	2	2	3	3	4	4	4	4	4	4	4	5	4	3	3	3	4	2	3	3	4	3	
14	3	1	0	0	0	0	0	0	1	0	0	-	DATA INVALID -	0	0	1	1	1	****	****	****	****	****	****	0	
15													2	2	2	1	1	0	0	1	1	0	0	0	1	****
16	****	****	****	****	****	****	****	****	****	****	****	2	2	1	1	0	1	1	1	1	2	2	2	2	1	
17	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	0	1	1	1	1	2	2	2	2	1	
18	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	1	1	1	2	2	1	1	1	1	
19	1	2	2	2	2	2	3	4	3	3	****	4	3	3	3	4	3	3	3	3	2	2	2	2	3	
20	2	2	2	2	1	1	1	1	1	1	1	2	2	3	3	3	2	1	1	2	3	2	3	3	2	
21	2	2	2	2	1	2	2	2	1	1	****	****	****	****	2	2	3	2	1	0	0	0	0	0	1	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	
23	2	1	0	0	0	0	1	1	2	2	2	2	0	0	0	2	3	5	4	2	2	1	0	1	0	
24	0	1	1	0	0	0	1	4	4	4	2	1	1	1	2	4	5	4	5	4	4	4	5	3	3	
25	5	5	3	3	3	4	4	4	4	4	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	
26	3	2	2	3	2	2	1	1	1	3	****	3	2	2	4	4	4	3	2	1	1	1	0	0	2	
27	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	0	
28	1	1	0	0	0	1	2	2	3	2	3	2	2	3	1	2	1	1	1	1	2	2	2	2	2	
29	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	1	
30	1	1	0	2	3	2	1	1	1	2	4	5	5	7	6	7	5	2	3	3	3	3	3	3	3	
31	3	3	5	6	4	3	4	4	6	4	4	2	2	2	4	3	3	2	2	1	1	1	1	1	3	
MEAN	2	2	2	2	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 93.3

PERCENTAGE OF DATA INVALID - 6.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - WC NO 22071					EXPERIMENTAL FARM SIMCOE							MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	1	0	-	0	0	0	0	0	1	3	2	1	1	2	2	2	1
3	2	2	2	2	2	1	1	3	3	2	2	2	2	2	3	3	4	5	5	4	4	4	4	3	3
4	3	3	3	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1
5	1	1	3	2	1	1	1	2	1	2	1	3	2	2	1	1	5	9	8	8	6	4	5	5	3
6	5	5	5	5	5	5	4	3	4	1	1	0	0	0	0	0	0	1	1	2	2	1	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
8	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	1	1	1	1	3	4	3	0	0	0	0	1	1	1	1	1	1	1	2	2	1
10	2	2	2	2	2	2	2	2	2	2	3	2	1	1	2	2	2	2	2	2	1	1	1	2	2
11	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
12	1	3	1	1	0	0	0	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
15	1	1	2	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	1	1	1	1	0	0	1	***	1	1	1	1	1	1	1	2	3	4	3	3	2	1
17	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	1	1	1	4	2	1	1
18	1	1	3	2	2	1	1	2	2	2	2	3	3	2	3	2	2	1	1	1	1	2	2	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	1	1	1	1	1
20	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	1	1	2	4	3	3	3	2	1
21	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
22	3	4	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	1	0	0
24	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	1	1
25	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1
26	1	2	2	2	2	2	2	4	5	2	2	2	2	2	2	1	1	1	2	2	2	2	2	1	2
27	1	1	1	1	2	1	1	2	1	1	0	0	0	0	0	1	1	2	1	1	1	1	1	2	1
28	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1
29	1	0	1	0	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 22071													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	2	3	3	0	0	1	0	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0
3	0	1	1	1	1	1	1	1	1	1	1	-	1	1	1	2	1	1	1	1	1	2	2	1	1
4	2	2	2	4	5	5	4	4	3	4	5	4	4	3	2	1	1	1	1	1	1	1	1	2	3
5	2	2	2	2	1	1	1	2	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	2	2	1	1	0
9	1	1	1	1	1	1	1	0	0	0	2	2	2	1	5	6	3	2	1	1	1	1	1	2	2
10	1	1	1	1	1	1	2	3	4	4	3	3	4	4	3	2	3	3	3	3	1	1	1	1	2
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	0
12	2	3	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2
13	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	1	0	0	1	0
16	0	1	1	1	2	1	1	1	1	1	2	2	3	3	3	2	1	1	1	1	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	2	1	0
18	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	3	4	4	4	4	3	3	2
19	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0
23	2	1	1	1	1	3	2	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1
26	1	1	1	0	1	2	2	4	4	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0	
29	1	0	1	1	2	3	2	2	2	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1
30	2	1	1	1	2	1	1	1	2	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
31	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	2	3	4	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 22071													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	1
4	2	2	2	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	3	2	1	1	0	0	0	1	1	1	1	1	2	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	1
8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
9	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
10	1	1	1	0	0	1	1	1	1	1	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	2	2	2	2	2	0
13	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	3	3	2	2	2	2
14	2	2	1	2	1	1	2	2	4	4	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
15	2	2	2	2	2	2	2	2	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	0	0	0	0	0	0	1	-	-	1	1	1	1	1	1	1	2	2	1	1	2	1
21	2	2	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
24	1	1	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
29	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
30	1	1	1	2	2	2	2	5	1	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	2	2	2	2	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	0
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	0	0	0	0	0	0	1	0	1	2	3	3	3	1	1	2	2	2	1	1	1	1	1
7	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0
8	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
9	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	2	2	2	1	1	1
10	2	1	2	2	2	4	4	3	2	-	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	0
13	0	0	0	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1
14	3	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
15	2	1	1	1	1	1	1	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	2	1	1	0	0	1
17	0	1	0	1	0	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1	0	0	1	1	1	1	1	1
21	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
24	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	0
25	1	1	1	1	1	1	1	1	0	-	0	1	0	0	1	1	0	0	0	1	2	2	3	3	1
26	1	2	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	0	0	1	0	1	1	1	1	1	2	2	2	1	1	1
28	1	0	0	1	0	1	1	3	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	0	0	1	1	1	1	1	1	1
31	1	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	3	2	2	3	1	1	2	2	0	0	0	-	-	-	-	-	-	-	-	-	-	*****
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	1	1	1	2	2	*****
3	2	2	-	3	2	4	6	7	5	3	3	3	2	1	2	1	1	2	1	1	1	2	1	2	2
4	3	3	3	3	2	3	3	3	1	3	2	1	1	2	2	2	1	1	1	2	2	1	1	2	2
5	2	3	4	4	3	4	3	3	3	3	1	1	2	1	2	1	1	1	2	2	1	1	1	1	2
6	1	2	1	1	1	2	1	1	1	2	3	2	2	2	1	2	1	1	1	1	1	2	1	1	1
7	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	-	1	1	1	-	5	2	1	1
8	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	-	2	-	1
9	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	-	2	-	1
10	1	1	1	1	1	2	2	1	1	0	0	0	1	-	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	0	1	1	-	1	1	-	1	0	1	0	0	0	0	0	0	0	1	0	1
12	1	1	1	1	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
13	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	-	1	1	1	1	1	1	1	1
16	1	1	-	0	1	1	1	1	1	1	-	-	-	1	2	1	2	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	0	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
19	2	1	1	1	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	-	1
20	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
21	2	2	-	2	2	2	1	1	0	0	0	0	0	0	1	1	1	1	1	1	-	0	1	1	1
22	2	1	1	1	3	2	1	0	1	0	0	0	0	1	1	1	1	1	1	3	1	2	2	1	1
23	1	1	1	1	-	0	1	3	4	1	2	2	1	1	1	2	1	1	1	2	1	1	-	2	1
24	1	1	2	2	1	2	6	2	2	1	3	3	-	-	-	-	-	-	-	-	-	-	-	-	*****
25	1	2	1	1	1	1	1	2	1	1	-	-	2	2	2	1	1	0	1	1	2	1	1	1	1
26	3	2	1	1	1	1	2	1	1	0	1	2	1	1	1	2	1	1	1	1	1	0	1	0	1
27	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
28	1	1	1	1	1	1	1	2	1	0	1	2	1	1	1	1	1	1	1	1	-	1	1	1	1
29	1	1	1	1	1	1	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1
30	1	1	1	1	0	1	0	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	2	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 88.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 11.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 22071													EXPERIMENTAL FARM SIMCOE												
MONTH - JUL													76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	0	2	2	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1
2	0	1	1	1	1	1	2	3	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	0	1
3	1	-	1	1	1	-	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	2	1	1
4	1	1	1	1	0	1	2	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1
5	1	2	2	2	1	2	2	2	1	-	1	0	0	0	0	1	1	1	1	1	1	2	2	2	1
6	1	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	2	1	2	2	2	2	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
9	1	1	1	1	1	1	1	0	0	-	-	0	1	1	1	1	0	0	1	2	2	2	2	2	1
10	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
16	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
19	0	0	1	1	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
22	2	3	3	5	3	3	1	1	2	4	3	5	0	0	0	0	0	0	0	0	0	0	0	0	1
23	1	1	0	1	1	0	0	1	1	1	-	2	1	1	1	1	1	1	1	1	1	1	1	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	1	1	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0	1	1	1	0	0	0
26	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	2	3	3	4	3	2	1	1	1	1	1	1	1	1	2	2
29	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2	2	2	4	3	3	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071												EXPERIMENTAL FARM SIMCOE													
												MONTH - AUG 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
2	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	3	2	1
4	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
5	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	-	1	1	1	-	-	-	-	-	-	-	-	-	-	*****
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	-	-	-	-	-	-	-	-	-	-	1	1	2	0	0	0	1	1	1	1	2	1	1	1	*****
10	1	1	1	1	1	1	2	2	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1
11	1	1	1	1	2	1	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	5	2	3	2	1
14	2	1	1	1	1	1	2	3	2	2	3	2	1	0	0	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	0	-	0	0	0	0	0	0	1	1	1	0	1	1	1	1
18	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
19	1	1	1	2	2	6	5	4	2	1	1	1	0	2	0	1	1	1	2	3	4	3	2	3	2
20	2	2	2	1	1	4	4	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	7	4	2
21	4	2	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
23	1	1	1	1	2	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	2	2	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0	1	1	1	0	1
25	1	1	1	2	4	5	4	3	2	2	1	1	1	1	1	1	1	1	3	5	5	2	1	2	2
26	1	1	2	1	2	2	3	3	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	-	2	2	1	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
30	1	1	1	1	1	2	2	0	-	-	-	0	0	0	0	0	0	0	0	0	0	1	1	1	1
31	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	1	1	1	1	1	2	1	1	1	1.0

PERCENTAGE OF DATA VALID - 89.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 10.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071												EXPERIMENTAL FARM SIMCOE													
MONTH - SEP												76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1
2	1	1	1	1	1	1	2	2	2	2	0	0	0	0	0	0	0	0	1	2	1	1	1	3	1
3	1	1	1	1	2	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
6	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
7	3	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
8	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1
9	2	2	1	1	1	1	1	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
10	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0
11	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	3	1
12	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0	1	1	1	1	2	4	2	1	1	0	0	1	1	0	1	1	1	2	2	2	2	2	2	1
14	1	1	1	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
15	2	2	2	2	2	2	2	3	2	1	1	1	0	1	1	1	2	2	2	2	2	1	1	1	2
16	1	1	2	3	2	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
19	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
20	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	2	2	1	0
23	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
24	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
25	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1	2	2	2	2	2	1
27	2	2	2	1	1	1	1	1	-	1	1	1	2	2	2	2	1	1	1	1	1	2	1	0	1
28	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
29	1	2	1	1	1	2	2	2	1	1	1	1	0	1	1	1	1	1	1	2	2	2	1	1	1
30	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	2	2	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF OATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071												EXPERIMENTAL FARM SIMCOE													
MONTH - OCT												76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	3	3	3	1	3	2	2	1	2	7	4	0	1	2	3	2	1	1	1	2
2	2	2	2	2	1	1	1	1	2	3	4	3	3	1	1	1	1	1	1	1	1	1	3	5	2
3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	2	2	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	1	0	0	0	0
8	0	0	0	0	0	0	0	1	1	1	2	1	2	2	2	2	2	3	4	5	5	3	1	2	2
9	2	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
11	1	1	1	1	1	1	1	1	1	1	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	3	3	1	2	2	2	2	2	2	2	2	2	3	2	2	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	2	5	2	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1
19	1	1	2	1	1	1	1	1	1	1	3	0	1	1	1	1	3	2	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	3	2	2	2	1	2	2	4	8	8	5	3	1	1	1	0	2
21	1	1	0	0	0	0	0	1	0	0	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1
22	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	2	3	3	3	2	1	0	1	1	1	1	2	2	1	1	1	1	1	1	1
24	2	2	2	1	2	2	2	1	1	1	1	1	2	2	2	3	1	1	1	1	1	1	1	1	1
25	1	1	2	2	2	2	1	1	2	4	4	4	7	6	3	1	1	1	1	1	0	1	1	1	2
26	1	1	1	1	1	1	1	1	2	-	2	3	3	2	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	0	1	5	2	1
28	1	1	1	1	1	2	1	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
30	1	1	1	1	3	2	2	3	3	3	3	1	3	3	4	4	4	4	4	4	2	2	2	2	3
31	3	3	3	4	5	5	2	2	4	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF OATA VALID - 99.9

PERCENTAGE OF OATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	1.7	3	7
FEB	29	1.2	3	9
MAR	31	0.9	3	6
APR	30	0.8	2	5
MAY	31	0.8	2	4
JUN	26	1.2	2	7
JUL	31	0.7	2	5
AUG	27	1.0	2	7
SEP	30	0.8	2	4
OCT	31	1.1	3	8
NOV	30	1.2	3	8
DEC	31	1.8	6	11
YEAR	356	1.1	6	11

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	689	5	0	0	0	0	0	694
FEB	690	4	0	0	0	0	0	694
MAR	737	1	0	0	0	0	0	738
APR	715	0	0	0	0	0	0	715
MAY	738	0	0	0	0	0	0	738
JUN	633	3	0	0	0	0	0	636
JUL	733	0	0	0	0	0	0	733
AUG	667	2	0	0	0	0	0	669
SEP	719	0	0	0	0	0	0	719
OCT	738	5	0	0	0	0	0	743
NOV	715	3	0	0	0	0	0	718
DEC	718	23	1	0	0	0	0	742
YEAR	8492	46	1	0	0	0	0	8539

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.2	0	0.0	0.0	0.4	0.9	1.9	2.7	3.7	4.4	11	1.1

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071												EXPERIMENTAL FARM SIMCOE													
MONTH - NOV												76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	1	1	1	0
2	3	1	3	4	2	2	2	3	3	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	1	2	3	2	2	2	2	1
6	2	1	1	1	1	2	2	2	3	2	2	1	1	2	1	1	2	3	2	2	2	2	1	1	2
7	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0
9	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	2
10	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
11	0	0	0	0	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	2	1
12	2	2	2	2	2	1	2	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	2	1	1	1	1	1	1	1
14	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	2	2	2	3	3	2	2	2	2
15	2	3	3	2	3	4	4	4	4	3	2	1	1	2	2	2	2	3	4	6	8	7	5	5	3
16	5	3	3	3	3	3	2	3	3	3	3	2	1	1	1	2	4	4	4	4	3	3	3	3	3
17	2	3	3	3	3	2	2	3	5	4	4	4	5	4	5	4	4	4	3	3	3	2	2	2	3
18	2	3	3	2	4	3	3	3	3	3	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2
19	2	2	2	2	2	3	3	3	3	3	2	1	0	1	1	1	1	1	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
21	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1
22	0	0	0	1	1	0	0	0	2	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1
23	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	5	3	3	2	2	2	2	2
25	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	3	3	3	3	3	2
26	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
30	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.7      PERCENTAGE OF DATA INVALID - 0.0      PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 22071													EXPERIMENTAL FARM SIMCOE												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	1	1	1	1	2	1	3	3	2	2	2	2	3	3	2	1	1	2
2	1	1	1	3	3	2	2	2	2	2	0	0	0	0	0	0	0	1	2	3	2	1	1	1	1
3	1	1	1	1	1	2	2	3	4	3	1	1	0	1	1	1	2	2	1	1	1	2	2	2	2
4	2	2	2	2	2	2	2	4	3	5	4	4	4	4	3	4	3	4	4	6	5	3	2	2	3
5	2	2	3	3	2	2	2	2	3	3	3	3	3	3	4	2	2	2	2	2	3	2	2	3	3
6	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	3	2	3	3	3
7	2	2	3	3	5	6	6	3	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	3	4	3	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	3	2	1	2	3	3	4	2
10	4	3	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	1	2
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	3	3	1
12	3	3	3	3	2	2	3	3	3	3	3	3	3	4	4	4	3	5	5	3	2	2	0	0	3
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	3	4	5	6	5	1
14	10	4	3	3	3	3	3	2	1	1	2	2	3	3	1	1	2	2	2	3	2	2	2	2	3
15	2	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	6	8	8	6	8	4	4	2	4
16	3	3	3	2	3	4	4	5	6	6	7	7	9	9	9	9	8	11	8	8	7	3	3	3	6
17	4	4	4	3	1	2	3	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	3	3	3	1	1	1
19	2	2	3	3	4	4	4	3	4	4	4	4	4	4	4	4	3	3	3	3	4	3	2	2	3
20	2	2	2	2	2	1	1	1	1	2	3	2	1	1	1	1	1	1	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	1	1	0
22	0	0	0	0	1	1	1	1	1	1	2	3	3	2	2	1	1	1	2	2	2	2	2	1	1
23	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	4	3	3	3	2
25	2	2	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	2	2	1	2	3	3	2	2
26	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
28	1	1	1	1	2	3	1	1	1	2	-	2	2	2	2	1	2	2	2	5	4	2	2	2	2
29	3	2	2	1	1	1	1	1	2	1	-	0	0	0	0	1	0	0	1	1	1	1	2	2	1
30	3	3	3	3	3	3	3	2	3	2	2	2	0	0	0	1	1	2	2	3	2	2	3	4	2
31	4	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.7      PERCENTAGE OF DATA INVALID - 0.0      PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29008 NORTH PARK HAMILTON													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	2	6	2	3	1
2	8	3	4	3	2	3	3	2	2	2	2	3	2	2	2	2	2	2	6	2	6	12	10	10	4
3	9	8	7	4	4	3	3	6	9	8	8	12	11	11	12	13	14	12	11	10	9	9	8	9	9
4	6	6	6	5	5	2	3	4	5	8	9	12	12	12	12	11	12	15	12	12	14	13	13	10	9
5	9	4	4	4	4	4	11	22	30	31	30	23	15	15	19	16	19	25	21	16	14	15	15	12	16
6	12	11	10	9	9	9	12	21	28	25	20	20	21	23	22	22	30	32	26	22	17	16	18	14	19
7	11	10	9	9	8	9	12	17	23	21	19	22	22	24	27	20	11	19	2	6	7	4	2	0	13
8	3	3	1	0	1	2	8	23	28	23	29	30	19	15	15	15	18	21	16	15	13	13	12	11	14
9	8	7	9	10	11	12	14	17	22	17	16	16	16	16	17	20	22	18	17	15	13	12	11	11	14
10	12	12	11	11	12	11	10	11	13	14	13	15	14	15	17	18	15	17	20	29	26	11	13	11	15
11	8	4	4	3	2	4	4	3	3	4	4	4	4	4	4	4	4	5	6	7	7	13	10	5	5
12	3	3	2	3	3	6	13	15	31	27	25	25	20	30	26	26	30	33	28	20	14	14	15	12	18
13	9	8	10	10	10	14	20	29	31	33	32	31	47	49	8	6	5	5	4	3	3	4	4	7	16
14	6	6	2	2	2	7	8	14	16	16	9	10	7	****	9	12	15	14	11	11	13	10	8	4	9
15	4	4	5	8	7	10	12	19	21	21	18	16	14	15	21	22	33	33	16	14	24	17	5	5	15
16	3	2	2	4	6	7	11	15	18	18	17	18	13	12	12	13	16	16	11	15	12	12	9	14	12
17	14	11	6	4	2	1	3	1	2	2	3	5	4	1	11	17	18	8	11	26	18	19	9	13	9
18	9	6	3	2	1	2	3	3	4	7	10	12	15	17	15	15	20	22	29	24	23	26	33	25	14
19	13	10	10	8	8	11	16	17	20	20	18	21	19	19	22	28	25	21	17	14	11	10	9	9	16
20	10	9	8	8	7	10	15	19	19	16	16	15	15	17	14	15	15	13	11	12	13	14	17	15	13
21	11	9	8	7	7	9	16	23	24	20	19	20	19	19	19	21	24	23	16	9	6	5	7	10	15
22	6	4	4	3	5	7	2	2	4	1	2	19	17	14	18	23	23	20	14	12	9	9	7	3	10
23	10	6	11	9	9	11	26	31	46	40	29	4	8	6	4	8	15	14	3	2	1	1	4	5	13
24	3	3	3	3	3	3	3	4	4	5	5	5	7	7	5	8	14	20	23	38	15	25	25	25	11
25	25	22	15	14	14	14	13	16	14	5	6	7	5	2	2	1	2	1	1	2	2	2	2	2	8
26	2	2	2	5	5	7	14	19	22	22	24	27	21	23	26	29	24	27	18	12	10	8	8	7	15
27	6	6	3	4	7	10	15	16	18	21	21	22	21	27	28	29	33	28	17	13	11	11	10	9	16
28	6	6	5	4	4	5	7	15	17	18	18	21	19	16	19	22	26	23	16	13	12	12	12	14	14
29	13	11	10	10	10	10	11	16	19	14	13	12	11	13	14	17	20	20	16	12	12	13	16	18	14
30	11	10	7	7	2	2	2	3	5	4	7	7	8	8	7	5	5	9	5	4	4	13	24	29	8
31	16	17	16	12	8	9	12	17	18	25	29	22	15	14	16	16	19	19	15	13	11	12	11	9	15
MEAN	9	7	6	6	6	7	10	14	17	16	15	15	14	15	14	15	17	17	14	13	11	12	11	11	12.2

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29008 NORTH PARK HAMILTON													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	8	6	5	5	7	8	6	9	10	12	14	12	15	15	16	11	8	9	10	8	8	7	9
2	3	2	1	1	1	3	7	11	12	10	11	13	11	10	11	15	17	16	14	11	10	9	10	10	9
3	10	8	11	12	10	15	22	30	23	19	18	15	15	18	17	19	23	22	22	19	20	25	24	25	18
4	20	12	12	10	11	12	16	18	12	10	11	10	9	11	12	14	19	27	19	13	12	14	13	15	14
5	14	16	18	19	12	5	3	2	3	4	6	9	15	12	11	9	3	7	6	3	6	7	8	9	9
6	10	10	18	13	11	11	16	23	33	22	21	21	14	11	14	17	16	13	12	13	11	10	9	9	15
7	7	9	8	7	8	7	5	14	15	14	12	13	13	12	13	12	14	14	11	9	8	6	5	4	10
8	4	4	4	4	3	3	4	4	4	4	7	5	7	7	8	10	12	12	12	13	13	11	15	12	9
9	7	5	3	3	4	5	14	22	32	28	26	30	27	21	23	24	26	25	18	16	13	12	11	10	17
10	9	9	9	9	9	10	16	25	31	24	20	20	18	19	18	18	22	20	16	15	10	15	15	11	16
11	7	4	4	4	5	6	12	20	30	24	19	13	14	13	13	13	13	14	13	11	8	7	7	7	12
12	7	5	6	6	8	16	22	32	34	25	19	18	14	17	18	19	21	22	16	15	15	16	14	12	17
13	9	8	8	6	5	10	16	20	24	22	20	18	17	19	17	19	21	22	23	21	19	19	18	17	17
14	14	13	8	5	4	5	5	7	8	9	13	18	21	20	23	11	2	2	18	18	15	16	15	12	12
15	11	5	2	3	3	2	3	4	6	7	7	9	12	13	10	10	12	13	12	10	14	15	13	5	8
16	4	3	3	6	7	8	14	25	31	41	33	33	23	3	4	3	3	3	2	2	1	1	1	1	11
17	1	1	1	1	3	9	10	11	14	16	17	13	21	19	18	18	25	29	25	5	2	2	2	2	11
18	1	2	2	1	1	1	1	2	2	2	2	1	2	6	5	5	3	3	3	13	11	10	8	7	4
19	9	7	7	7	8	9	13	15	18	18	16	12	13	14	14	15	16	16	12	12	11	8	9	9	12
20	7	5	3	3	3	4	9	18	22	20	16	14	13	13	18	23	26	43	31	28	24	25	27	27	18
21	22	13	9	9	9	12	6	8	4	2	1	1	2	2	2	3	3	2	2	5	11	14	10	3	6
22	4	2	2	3	1	1	1	1	3	4	6	10	11	11	11	12	13	12	10	12	11	11	11	11	7
23	9	2	1	1	2	3	5	9	27	26	22	19	16	22	19	20	19	24	16	12	10	10	11	11	13
24	9	9	8	7	7	9	12	19	23	21	18	18	17	15	17	18	21	20	21	20	14	15	18	21	16
25	17	9	9	7	6	9	12	15	20	24	21	18	15	16	16	17	19	21	26	18	13	12	12	15	15
26	11	9	8	7	13	21	20	12	61	40	35	30	23	19	21	25	26	26	23	19	15	10	8	7	20
27	7	6	9	11	10	10	15	21	23	20	20	21	23	21	25	29	48	15	2	5	1	1	1	4	15
28	2	10	7	4	3	2	3	5	8	10	12	15	16	17	20	21	2	1	1	2	5	13	6	4	8
29	3	1	2	4	2	5	6	3	4	11	14	10	12	13	13	11	11	15	16	20	16	21	23	14	10
MEAN	9	7	7	6	6	8	10	14	18	17	16	15	15	14	15	15	16	16	14	13	11	12	11	10	12.3



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29008 NORTH PARK HAMILTON												MONTH - MAR 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	4	1	0	1	1	2	2	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0
3	0	0	0	0	0	1	1	6	1	1	5	1	1	1	2	1	2	1	1	1	1	6	2	9	1
4	15	10	11	3	4	4	4	6	7	8	5	2	2	1	1	1	1	1	1	1	1	1	1	1	4
5	2	3	2	6	4	2	2	16	14	9	26	14	13	14	13	12	15	12	11	8	6	5	5	9	9
6	4	4	3	3	4	4	7	9	10	8	7	9	9	9	9	9	10	11	13	12	12	10	8	8	8
7	7	5	4	1	1	1	2	4	5	4	5	5	7	8	8	8	8	8	8	9	10	11	9	9	6
8	6	4	3	2	2	5	16	19	19	17	18	21	22	23	20	22	25	25	18	15	16	20	13	16	15
9	23	22	15	10	6	4	3	3	3	3	3	3	3	1	1	1	1	2	1	1	1	1	1	2	5
10	2	4	7	7	8	10	14	25	28	28	25	26	26	24	23	21	33	35	21	15	9	8	8	11	17
11	8	4	4	3	3	4	9	18	22	20	20	21	19	17	23	25	34	36	26	3	3	8	7	9	14
12	6	1	2	1	1	1	1	1	1	1	3	2	2	1	2	2	3	4	3	3	8	12	11	11	3
13	7	7	8	5	7	6	6	9	10	11	11	8	9	8	8	9	9	10	10	10	8	6	4	4	8
14	5	7	7	6	7	4	5	7	6	6	8	9	11	11	10	10	11	12	12	14	14	14	12	8	9
15	8	9	8	3	2	4	9	17	20	17	15	15	16	18	21	21	29	35	31	15	4	2	3	7	14
16	4	1	1	1	1	1	1	1	1	1	3	1	2	7	8	8	6	19	16	10	8	7	6	6	5
17	6	4	3	2	2	4	6	13	16	14	14	15	15	15	14	14	16	15	12	11	8	10	14	18	11
18	18	16	15	13	11	14	18	38	47	39	32	30	23	19	25	27	31	43	35	21	8	3	3	3	22
19	3	4	9	12	7	8	15	20	23	18	17	17	17	15	17	17	18	19	19	17	15	15	11	9	14
20	9	9	7	8	7	7	5	8	10	11	13	15	14	15	15	15	16	17	15	14	10	8	7	7	11
21	9	5	7	6	5	6	6	4	7	7	9	6	7	8	8	10	9	10	10	9	9	10	12	12	8
22	9	3	2	1	2	2	1	2	2	2	2	4	2	2	1	19	23	24	19	15	12	11	11	13	8
23	15	13	11	7	6	8	14	21	28	24	18	16	15	15	14	16	19	21	17	17	14	15	17	14	16
24	14	10	9	10	10	11	15	21	25	23	21	21	19	18	18	18	19	21	19	17	16	12	13	11	16
25	10	7	8	8	5	8	16	22	25	22	20	18	18	13	14	15	18	18	19	25	30	30	19	8	17
26	4	2	3	3	3	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2
27	3	6	15	11	9	9	8	9	13	14	13	14	19	20	16	13	15	11	10	9	7	6	5	4	11
28	4	3	3	2	1	1	1	2	2	6	10	13	15	18	23	18	5	1	1	12	20	28	10	5	9
29	4	7	6	6	3	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	3	16	14	2
31	11	9	8	7	6	5	8	22	25	24	24	33	12	2	3	4	4	6	12	2	2	4	8	7	10
MEAN	7	6	6	5	4	4	6	11	12	11	11	11	10	10	10	11	12	14	12	9	8	9	8	8	9.0

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29008 NORTH PARK HAMILTON												MONTH - APR 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	9	9	8	6	7	12	25	27	24	21	18	21	16	18	20	23	20	17	13	12	13	13	13	16
2	11	9	6	7	5	8	23	31	23	5	2	2	2	13	2	2	15	18	18	17	13	12	9	10	11
3	8	7	6	3	3	3	7	10	13	16	21	26	7	3	3	2	2	1	1	2	1	1	1	1	6
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	20	18	12	9	7
5	4	2	2	1	2	4	9	17	20	14	14	10	16	14	16	16	18	17	15	13	11	12	14	10	11
6	10	6	7	5	6	7	13	23	24	18	16	15	17	18	17	25	37	-	2	2	2	2	6	25	13
7	20	14	5	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	1	1	2	6	4	9	4
8	9	3	3	2	4	5	18	14	1	1	1	1	-	-	-	2	5	12	3	2	4	4	12	13	6
9	12	3	1	1	1	1	2	2	2	2	2	2	1	1	1	2	2	2	3	45	25	20	11	10	6
10	11	10	12	11	12	12	14	16	16	19	16	13	13	11	10	10	11	12	12	8	9	8	5	6	12
11	5	5	1	1	0	0	1	0	1	3	2	3	3	10	12	13	13	10	9	13	16	16	15	15	7
12	9	5	5	5	6	8	16	29	35	26	27	23	21	20	17	19	19	17	13	11	10	15	18	17	16
13	9	6	8	6	5	6	10	18	18	19	21	19	17	15	15	16	19	20	19	19	19	18	21	17	15
14	14	9	12	8	7	10	18	32	40	32	19	6	22	-	19	20	24	24	22	20	21	21	28	30	20
15	23	14	11	8	6	12	20	32	32	23	20	19	19	17	20	23	23	20	20	18	18	18	12	13	18
16	13	3	6	10	14	10	14	-	18	20	19	18	15	16	16	15	14	13	16	17	14	12	9	8	13
17	6	4	4	4	3	7	8	9	14	17	25	16	14	15	13	12	13	15	16	27	21	23	21	18	14
18	17	15	9	5	5	5	10	9	11	13	12	14	14	14	15	14	16	13	16	18	22	31	22	20	14
19	9	7	6	7	7	11	20	24	27	18	14	17	15	15	17	18	19	15	16	16	17	14	18	17	15
20	11	3	1	1	1	1	2	2	1	1	1	1	2	1	2	3	2	2	2	2	3	4	2	3	2
21	4	3	4	5	3	2	2	1	1	1	1	5	4	6	5	3	2	2	2	12	10	3	4	2	4
22	1	3	8	5	4	9	15	17	14	13	12	12	13	16	14	15	16	16	16	20	10	12	13	12	12
23	9	5	4	3	3	5	10	17	20	17	18	21	20	19	23	28	-	32	29	23	29	18	9	5	16
24	5	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
25	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	1	1
26	0	0	0	0	1	4	10	13	15	17	13	23	22	17	20	22	22	16	12	8	8	9	8	6	11
27	3	3	3	3	4	13	19	23	19	17	17	17	17	17	18	20	19	15	14	10	8	7	7	6	12
28	4	4	3	3	8	16	21	18	17	18	17	16	22	25	17	18	20	16	11	9	8	8	8	6	13
29	5	4	4	4	9	18	22	22	20	22	26	23	22	22	22	23	22	16	15	17	16	14	10	16	16
30	7	5	5	7	10	17	25	30	26	25	26	26	25	24	28	28	27	31	29	7	11	20	27	16	20
MEAN	8	6	5	4	5	7	12	15	15	14	13	12	13	12	13	13	14	13	12	13	12	11	11	11	11

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 29008 NORTH PARK HAMILTON												MONTH - MAY 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	4	5	4	1	3	4	3	3	2	2	2	2	1	1	1	2	2	1	1	7	5	11	11	3	
2	12	9	8	6	5	9	11	11	10	11	14	14	15	17	16	15	14	12	15	15	11	9	8	9	12	
3	6	5	6	6	7	13	16	14	11	13	13	12	13	14	15	19	17	13	10	7	6	9	9	9	11	
4	8	8	6	7	7	10	16	19	15	14	16	14	14	15	16	20	18	16	14	12	12	11	9	8	13	
5	6	6	9	8	8	13	21	24	20	18	17	14	14	12	14	15	15	14	12	12	11	11	9	10	13	
6	9	5	4	4	10	18	18	4	2	2	2	4	2	1	1	1	1	1	0	0	0	0	0	0	4	
7	0	0	0	1	0	1	1	1	1	1	1	3	1	3	8	13	3	1	1	13	27	12	9	6	4	
8	6	6	7	7	8	7	7	8	10	11	13	15	14	13	12	10	10	11	10	13	11	10	10	9	10	
9	11	8	8	5	5	6	7	7	8	11	13	12	15	13	13	14	16	16	17	33	32	34	28	24	15	
10	20	12	6	4	15	21	38	39	21	6	3	14	-	16	16	18	19	15	15	14	15	19	18	14	16	
11	8	7	6	1	1	1	5	15	24	28	16	3	2	2	8	28	9	3	12	9	7	7	9	6	9	
12	5	3	3	4	12	25	25	22	20	19	17	19	20	20	20	-	24	15	15	14	16	16	17	15	15	
13	12	8	9	8	11	19	32	37	34	32	29	26	26	30	-	38	9	2	2	3	2	4	5	7	17	
14	6	4	4	1	1	2	2	2	12	19	21	21	22	24	25	22	22	22	28	28	30	28	18	17	16	
15	12	12	7	4	3	2	2	2	3	3	4	3	4	3	2	2	2	2	2	2	1	0	0	0	3	
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	7	11	24	22	24	21	14	6	
17	12	8	7	6	8	15	24	27	23	18	19	15	-	20	27	25	26	22	21	9	7	4	3	3	15	
18	1	0	1	1	1	1	3	5	3	8	13	19	21	28	31	28	34	24	21	17	13	14	18	13	13	
19	7	5	5	4	5	14	22	27	21	20	19	16	15	18	18	20	20	16	12	9	7	7	7	6	13	
20	4	4	4	5	8	19	28	27	29	32	31	29	29	26	24	21	19	21	21	20	19	30	22	16	20	
21	11	10	6	6	8	13	17	18	17	23	25	30	27	26	25	24	23	28	22	24	28	20	15	15	19	
22	9	5	3	3	7	13	16	14	22	25	20	23	16	1	1	1	1	1	18	12	12	2	2	3	10	
23	4	6	5	3	3	4	3	3	1	1	1	2	1	1	1	1	1	1	1	3	4	6	5	6	3	
24	3	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	2	1	1	
25	1	1	1	1	1	1	1	1	1	1	1	1	2	-	1	1	1	1	-	2	2	4	5	4	3	2
26	2	1	1	1	2	3	4	5	5	5	4	5	6	3	3	3	4	4	4	5	6	6	21	26	5	
27	12	9	7	9	10	18	38	26	1	-	1	1	2	2	3	3	3	3	18	28	27	24	20	17	12	
28	13	9	9	6	7	7	8	9	9	4	3	3	2	2	1	1	2	2	1	1	2	3	3	2	5	
29	1	0	0	0	0	-	0	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
30	1	1	1	0	0	0	0	0	0	0	1	-	1	1	1	1	1	1	1	1	1	1	1	-	1	
31	0	0	-	0	0	0	1	1	1	1	1	-	1	1	-	1	2	1	-	13	17	16	39	55	8	
MEAN	7	5	5	4	5	8	12	12	11	11	10	11	10	10	11	12	10	9	10	11	12	11	11	11	9.5	

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29008 NORTH PARK HAMILTON														MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	32	15	9	4	10	-	3	4	3	1	-	1	1	1	1	1	1	0	1	-	2	4	6	17	5	
2	22	19	12	13	11	13	5	12	7	6	4	2	1	2	1	1	1	1	1	-	4	2	-	8	7	
3	9	8	8	19	17	15	15	11	15	7	3	2	2	2	1	2	2	2	2	2	7	-	44	36	10	
4	27	22	21	21	16	13	8	10	3	2	2	-	1	1	1	1	1	1	1	-	2	4	4	5	8	
5	3	10	10	8	6	7	6	5	6	5	5	4	3	2	-	1	1	-	-	3	5	18	27	27	8	
6	22	20	17	9	9	11	13	10	17	16	18	22	19	16	10	13	16	19	21	23	16	15	12	18	16	
7	10	8	7	11	12	14	22	29	22	22	24	25	22	22	28	34	33	31	28	26	23	21	18	17	21	
8	6	10	9	8	11	12	18	24	22	21	25	20	10	26	27	28	24	24	27	28	-	-	-	11	19	
9	9	6	6	6	5	5	5	5	5	-	3	2	1	1	2	23	23	15	15	7	2	9	16	14	8	
10	8	7	7	7	12	17	24	28	21	21	21	20	16	17	19	19	14	16	15	14	14	13	12	11	16	
11	8	8	6	7	9	15	21	24	22	18	15	11	13	16	13	11	15	17	21	23	24	3	15	8	14	
12	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	1	1	1	2	1	1	0	1	0	0	1	0	0	0	0	9	12	20	18	16	14	9	4	
14	4	4	6	6	7	12	17	22	22	21	22	15	15	16	17	17	16	14	12	12	12	13	11	10	13	
15	8	7	6	6	9	14	21	24	22	17	16	-	14	16	14	18	17	15	12	11	9	7	7	7	13	
16	6	5	5	6	7	10	16	23	18	17	17	19	20	20	18	23	22	18	17	14	16	15	15	12	15	
17	10	6	7	5	2	2	3	2	2	2	6	14	24	18	7	2	1	1	1	1	2	3	3	5	5	
18	10	14	5	6	6	6	6	7	8	5	3	3	1	1	1	1	1	1	1	1	2	3	2	3	4	
19	4	7	7	8	8	5	13	16	20	21	20	19	17	18	15	13	12	12	15	15	14	5	16	16	13	
20	12	8	5	3	3	4	6	6	3	1	1	1	1	1	1	1	1	2	3	4	21	19	23	10	6	
21	6	2	3	4	2	3	3	2	1	1	0	0	1	0	1	1	1	1	1	1	1	1	3	21	3	
22	12	5	4	11	15	25	34	36	29	21	19	23	23	22	3	3	3	1	2	2	1	2	3	6	13	
23	9	8	5	6	4	5	11	5	2	2	1	2	2	1	2	2	1	1	2	1	1	4	5	4	4	
24	4	3	3	4	2	5	6	5	5	19	19	22	6	11	19	20	24	21	14	3	3	2	3	4	9	
25	6	7	6	5	6	9	14	14	16	14	14	15	17	15	16	17	14	16	17	15	16	14	13	14	13	
26	11	7	7	5	5	8	10	13	14	14	16	18	15	14	12	11	13	11	10	7	6	9	8	3	10	
27	8	13	8	5	5	6	7	8	5	8	12	2	2	2	2	2	8	16	15	12	13	14	13	16	8	
28	8	5	5	6	6	8	18	24	27	8	2	2	5	12	28	-	10	2	2	5	2	2	1	5	8	
29	2	3	4	5	5	9	23	16	4	2	2	2	3	3	9	25	20	3	2	4	3	2	4	4	7	
30	2	2	4	4	6	9	19	9	2	3	3	2	2	2	2	5	3	2	2	3	7	14	17	15	6	
MEAN	9	8	7	7	7	9	12	13	11	10	10	10	9	9	9	10	10	9	9	9	8	8	11	11	9.5	

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - JUL 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	7	5	5	4	3	9	4	7	7	21	15	10	12	11	11	10	8	9	8	11	9	10	10	9
2	8	8	7	7	8	10	12	12	9	10	15	15	13	14	11	12	13	12	10	8	9	13	9	7	11
3	6	5	3	3	6	7	7	7	8	10	11	16	13	4	2	3	2	2	2	3	4	7	6	3	6
4	3	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	3	4	5	7	23	25	4
5	20	16	13	13	20	14	23	31	34	43	42	37	25	31	5	-	2	2	9	27	27	23	23	16	22
6	18	18	12	12	13	25	38	40	39	39	30	28	22	1	1	3	23	28	7	13	20	20	24	18	21
7	15	12	7	8	9	13	20	24	27	33	31	28	25	25	26	26	22	11	6	5	15	16	16	16	18
8	16	10	9	8	8	17	23	26	29	29	31	29	32	12	19	-	2	1	1	1	2	3	3	2	14
9	1	1	5	6	9	19	37	42	41	31	27	1	1	1	2	1	1	1	15	28	27	26	20	17	15
10	16	14	11	12	10	16	18	20	20	22	21	20	20	19	18	17	21	23	16	7	15	21	25	17	17
11	10	9	8	4	3	8	8	10	14	13	18	19	20	15	12	11	10	12	9	11	16	14	13	8	11
12	5	3	3	3	4	12	22	23	23	24	30	28	23	25	23	-	26	27	18	15	14	13	11	7	17
13	6	5	7	6	7	15	24	29	23	25	-	20	21	26	7	8	7	17	19	20	19	14	10	8	15
14	6	5	5	5	7	13	21	25	32	21	22	24	23	25	28	15	16	3	3	2	2	2	11	12	14
15	2	2	7	9	8	4	2	2	2	2	2	2	1	1	-	-	-	-	-	-	-	-	-	-	*****
16	1	3	9	7	5	5	3	4	11	4	14	28	21	22	22	23	20	17	17	19	16	11	11	10	13
17	5	5	4	4	5	6	9	11	13	15	17	16	15	16	14	14	13	11	11	12	12	12	10	10	11
18	11	14	8	3	3	6	10	12	13	14	16	17	16	14	13	13	12	11	12	13	21	19	19	17	13
19	10	7	6	7	7	14	19	23	21	22	25	23	21	20	19	24	18	16	14	13	11	12	12	10	16
20	8	7	7	7	9	16	22	24	19	17	19	15	15	15	16	16	14	14	14	11	11	11	12	10	14
21	9	5	6	3	1	4	2	3	5	4	2	1	-	1	1	1	2	2	1	1	2	2	2	2	3
22	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
23	0	0	0	0	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	12	26	15	11	4
24	8	6	4	4	4	5	9	15	12	7	22	21	20	21	18	16	15	2	3	2	3	11	14	5	10
25	1	1	1	1	1	1	8	12	11	1	1	1	1	1	1	1	1	10	14	14	14	13	9	6	6
26	8	6	7	8	10	21	35	22	16	16	14	12	13	16	17	16	15	14	13	13	11	10	8	14	14
27	7	6	7	6	10	13	20	28	27	28	29	28	-	23	23	23	25	27	26	26	26	17	11	20	20
28	9	8	6	6	6	5	3	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	3
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	5	4	2	2	4	3	2
30	1	1	1	1	1	2	18	10	3	3	3	2	2	1	1	1	2	1	2	1	2	3	16	15	4
31	13	12	8	8	11	11	16	16	17	2	2	3	1	1	1	1	2	1	2	4	8	4	1	1	6
MEAN	8	7	6	6	6	9	14	16	16	15	16	15	13	12	11	10	10	9	9	10	11	12	12	10	10.8

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - AUG 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	6	8	12	16	
2	11	7	5	5	4	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	3	7	14	13	3
3	14	8	6	5	7	19	29	28	29	27	30	27	24	23	26	27	25	21	20	19	19	17	16	11	20
4	8	7	7	8	8	14	32	29	24	26	29	23	-	22	23	23	19	18	15	17	18	17	16	14	18
5	8	5	6	8	10	16	23	24	22	20	19	16	15	16	16	17	17	18	20	19	15	13	13	10	15
6	4	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	5	4	2
7	3	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
8	2	2	2	2	1	1	1	9	8	6	13	2	2	3	3	3	2	12	9	10	2	2	7	3	4
9	2	1	1	2	2	2	2	2	3	3	3	3	3	3	3	5	4	9	24	8	6	5	4	3	4
10	3	3	5	7	10	19	29	29	26	31	34	31	2	1	1	1	1	1	1	5	16	16	13	9	12
11	8	7	6	9	10	18	25	30	34	29	25	22	22	23	24	21	18	23	21	18	16	18	13	9	19
12	7	8	7	8	10	15	22	22	20	22	20	19	23	23	20	16	15	16	16	15	14	12	13	11	16
13	11	7	9	8	7	11	16	15	16	21	22	21	20	23	21	14	13	20	23	23	21	14	14	14	16
14	11	7	8	7	7	3	2	1	1	1	2	2	2	1	1	1	1	1	1	0	0	0	0	1	3
15	2	4	6	1	1	5	6	10	11	19	21	15	14	15	18	18	18	21	20	16	11	11	15	9	12
16	5	4	4	4	5	11	20	27	28	21	22	20	22	23	18	22	16	17	19	19	15	12	11	9	16
17	6	3	3	4	5	13	20	21	25	30	28	27	32	33	16	32	18	4	1	2	21	24	19	14	17
18	8	9	8	4	4	14	-	-	-	7	7	4	2	1	1	1	1	1	1	2	1	4	7	12	5
19	16	10	10	12	14	10	11	12	-	8	7	4	2	1	1	1	1	0	1	1	1	2	19	16	7
20	15	8	7	6	9	18	31	28	25	29	33	27	24	9	3	2	2	20	17	17	17	14	13	12	16
21	9	7	4	4	5	8	11	13	18	20	22	19	18	17	18	18	18	21	9	19	17	16	14	10	14
22	8	6	4	3	2	6	7	9	14	16	16	17	20	20	15	14	13	14	13	17	18	19	18	14	13
23	10	5	8	7	6	5	5	4	3	4	2	1	1	1	1	1	1	1	1	3	4	2	1	2	3
24	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	6	7	6	2
25	6	8	12	11	11	20	-	-	-	16	6	4	4	2	1	2	1	1	1	1	2	4	11	13	7
26	14	20	14	11	8	11	17	23	-	8	7	10	9	12	-	-	27	22	18	17	13	14	15	20	15
27	10	8	7	7	8	17	23	18	22	24	23	20	18	17	17	18	16	18	17	15	12	11	9	8	15
28	8	7	6	6	6	8	11	13	15	15	11	12	12	14	12	9	9	15	16	14	14	16	16	11	12
29	9	6	3	2	2	3	4	6	11	13	16	18	16	16	15	14	16	16	17	18	20	18	14	8	12
30	5	4	4	4	6	14	5	4	5	24	30	20	18	21	23	27	27	22	22	24	15	4	3	2	14
31	10	7	6	6	7	16	33	37	34	-	16	15	18	21	20	20	22	19	19	18	16	16	12	10	17
MEAN	8	6	6	5	6	10	13	14	15	15	15	13	12	12	11	11	11	11	11	11	11	10	11	10	10.7

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - WC NO 29008 NORTH PARK HAMILTON															MONTH - SEP 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	7	6	11	15	22	24	-	28	24	32	24	23	27	27	23	21	19	16	16	14	9	7	18
2	1	1	1	1	1	3	4	5	5	1	0	0	0	1	1	1	1	1	1	4	11	17	15	19	4
3	15	13	13	15	24	26	-	-	12	6	22	23	21	22	16	19	19	23	24	24	20	15	14	13	18
4	10	8	6	7	9	10	12	13	16	16	17	17	17	14	12	13	14	17	24	25	22	16	13	10	14
5	9	5	3	3	5	5	5	7	9	5	7	3	14	20	17	15	26	25	23	20	5	11	19	15	12
6	5	4	3	3	3	5	7	10	14	20	1	1	2	4	22	22	22	23	23	24	22	19	21	14	12
7	9	11	8	9	9	22	31	33	27	24	27	19	20	20	21	20	21	19	17	16	15	15	13	12	18
8	8	5	6	14	12	13	-	-	-	-	5	5	4	4	3	3	3	3	3	3	5	5	5	5	6
9	6	7	5	4	4	6	5	4	4	1	1	1	1	1	1	2	1	1	2	8	13	8	6	9	4
10	8	3	3	3	4	12	20	23	15	14	18	19	15	-	14	18	14	11	16	12	9	9	8	11	12
11	11	9	8	7	8	8	10	16	17	20	18	14	13	13	16	13	11	13	21	32	19	12	13	16	14
12	10	15	13	8	4	5	6	11	20	16	18	19	18	17	14	15	15	16	19	26	23	19	17	12	15
13	8	6	6	7	8	12	21	27	25	26	25	24	18	18	20	23	24	21	18	19	15	14	15	13	17
14	10	10	9	10	9	12	21	28	25	23	27	22	18	18	18	19	20	21	20	18	18	18	22	16	18
15	10	8	9	9	15	-	-	-	9	5	4	7	9	6	3	3	3	3	2	3	4	4	7	4	6
16	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	8	18	17	21	14	4
18	9	6	4	4	4	5	9	19	15	18	14	17	6	10	16	19	23	25	21	18	13	8	8	8	12
19	8	7	5	3	3	4	5	6	8	14	20	14	14	13	14	13	14	17	21	17	16	11	19	13	12
20	9	6	6	8	9	15	24	30	28	22	24	17	21	22	24	23	22	15	3	6	7	11	10	12	16
21	8	7	5	4	6	14	23	28	-	-	-	26	-	1	5	23	21	16	14	13	11	9	9	8	13
22	11	9	8	8	9	14	18	16	18	18	17	15	16	13	14	16	16	16	16	14	16	18	25	24	15
23	11	10	8	6	11	8	17	21	19	17	16	12	-	14	14	19	18	15	16	15	15	16	13	10	14
24	6	6	6	6	11	23	38	47	35	32	33	32	33	35	39	37	34	31	31	25	20	17	20	23	26
25	14	15	10	9	11	11	14	16	24	22	23	24	23	20	20	18	21	21	24	18	3	2	2	2	15
26	2	2	2	3	4	4	3	4	4	4	2	1	1	1	1	1	1	2	6	6	5	4	3	2	3
27	2	2	3	2	2	2	3	4	4	4	3	1	1	1	1	2	2	2	2	16	27	20	20	11	6
28	8	6	5	5	5	2	2	2	2	2	3	3	2	2	4	29	25	21	21	16	18	17	18	15	10
29	12	12	12	12	14	20	27	30	25	22	20	19	18	18	20	24	23	22	20	18	19	19	17	16	19
30	10	7	6	7	9	20	35	42	20	8	9	8	4	3	3	3	2	1	2	2	2	14	10	7	10
MEAN	8	7	6	6	8	10	14	17	15	14	14	13	12	12	13	15	15	14	14	15	14	13	13	11	12.1

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - OCT 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	9	4	3	3	4	6	8	9	7	3	2	2	1	1	1	2	2	2	1	1	1	1	1	
2	1	3	5	5	7	10	14	10	11	10	9	9	5	3	2	2	3	2	3	4	4	7	7	7	6
3	9	18	20	22	9	11	13	10	3	3	3	3	2	2	2	2	2	2	4	6	12	9	10	12	8
4	24	14	11	10	8	9	10	10	10	10	9	6	3	3	3	3	3	3	7	7	6	7	9	8	
5	16	10	9	9	9	10	13	17	16	27	25	23	-	28	33	39	31	2	2	7	12	13	13	13	16
6	11	7	7	7	10	18	27	33	26	24	25	25	25	22	24	23	22	19	17	16	14	8	7	4	18
7	7	5	5	4	2	2	2	3	4	2	2	2	1	2	2	3	3	2	3	5	7	4	6	2	3
8	1	1	1	3	3	3	6	5	7	6	8	6	6	6	7	7	10	9	7	5	4	4	4	3	5
9	2	2	2	2	1	1	1	2	4	4	4	6	7	13	17	16	23	16	13	12	8	6	7	7	7
10	8	6	9	6	7	8	10	11	10	13	17	17	16	14	15	16	17	18	20	10	24	23	20	12	14
11	6	5	4	4	7	7	11	15	14	3	3	3	2	1	2	2	2	2	5	16	25	23	24	44	10
12	7	10	11	8	11	18	24	23	23	40	31	29	29	29	32	35	34	36	-	31	25	22	18	15	24
13	11	10	9	10	11	17	27	31	-	17	17	17	17	21	20	22	22	19	13	12	11	12	15	9	16
14	9	8	3	4	4	8	15	18	16	19	20	18	21	19	19	19	18	20	23	18	21	20	8	3	15
15	2	9	10	10	11	17	23	23	21	20	21	19	18	17	19	18	14	18	15	11	9	8	9	14	15
16	11	9	8	9	8	7	9	14	21	21	19	21	21	19	18	17	19	20	17	15	13	11	15	12	15
17	8	5	3	2	3	5	2	1	2	2	2	3	2	2	2	2	4	2	4	6	17	19	14	7	5
18	5	4	5	6	13	29	33	21	24	33	24	23	22	29	29	35	29	5	3	2	2	3	5	4	16
19	3	2	1	2	3	2	3	3	-	3	3	2	2	2	2	4	4	5	4	4	3	2	2	2	3
20	1	1	1	3	4	12	10	12	11	13	13	10	7	9	10	5	11	13	13	14	24	24	15	10	10
21	7	5	4	4	6	16	21	26	21	19	16	15	14	14	16	20	21	18	16	15	14	13	13	13	14
22	14	11	10	8	9	14	21	24	22	20	23	22	14	16	18	20	21	21	21	19	18	17	14	15	17
23	16	14	11	12	11	13	16	20	24	27	26	20	19	17	17	20	20	25	25	11	17	13	13	13	18
24	13	12	4	2	4	5	3	4	3	3	3	3	2	2	2	2	2	1	2	3	2	2	2	3	4
25	4	4	4	2	2	2	4	6	7	8	9	9	4	8	5	4	2	2	3	3	3	4	5	5	5
26	3	2	2	2	2	2	3	4	5	7	8	7	6	4	2	2	2	2	3	5	6	6	4	3	4
27	1	1	1	1	2	5	7	5	-	3	3	6	5	5	10	7	14	28	23	16	14	14	13	12	9
28	11	13	11	11	14	18	26	31	27	25	23	21	20	20	21	24	27	24	22	15	14	13	12	11	19
29	11	9	9	9	10	14	20	24	21	21	22	21	22	25	27	28	29	27	24	21	23	17	15	16	19
30	17	14	12	10	10	13	17	18	22	24	28	24	23	27	30	35	31	28	25	21	17	10	6	5	19
31	5	5	5	6	8	6	4	5	3	3	2	2	2	2	2	2	3	10	17	24	21	16	16	16	8
MEAN	8	7	6	6	7	10	13	14	14	14	14	13	11	12	13	14	14	13	12	11	13	11	10	10	11.1



## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

HOUR DAY	STATION - WC NO 29008										NORTH PARK HAMILTON										MONTH - NOV 76									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN					
1	16	9	5	5	3	7	22	36	41	34	34	4	1	3	30	23	23	26	26	26	18	19	18	21	19					
2	14	13	11	10	14	25	23	38	-	-	30	30	25	27	25	25	27	27	22	19	17	17	15	15	21					
3	19	12	11	11	11	12	20	35	38	-	30	24	18	19	21	25	29	26	22	21	22	24	36	33	23					
4	14	15	13	12	12	13	9	11	15	16	11	7	6	23	24	26	29	29	29	23	18	16	14	15	17					
5	13	12	9	10	11	13	21	33	35	29	24	27	24	22	27	29	24	19	18	22	24	22	15	15	21					
6	16	12	9	9	7	7	9	12	13	14	16	15	16	16	17	17	17	20	21	19	17	13	10	10	14					
7	9	8	7	5	3	3	3	6	7	8	9	10	13	17	19	17	17	17	19	16	18	13	9	12	11					
8	10	5	3	3	2	2	12	16	20	21	18	22	27	25	26	27	26	26	18	16	11	10	14	17	16					
9	16	13	11	12	11	7	19	35	8	-	29	24	30	40	37	41	41	38	36	28	24	20	18	23	24					
10	20	12	8	7	8	9	15	27	31	21	20	21	16	16	26	25	26	25	21	17	15	11	12	12	18					
11	11	6	6	6	5	7	16	33	34	30	28	30	25	20	22	22	23	21	24	18	16	18	14	15	19					
12	9	11	8	9	7	10	18	24	34	24	22	22	19	18	19	21	23	21	22	26	18	14	13	17	18					
13	16	14	13	10	5	9	10	13	15	18	16	13	13	16	14	12	12	20	19	18	16	14	10	15	14					
14	15	11	12	10	11	11	11	12	12	12	11	12	11	14	16	14	16	19	25	24	24	24	21	21	15					
15	19	13	12	10	16	13	14	33	45	42	34	31	22	22	22	22	26	26	24	23	22	22	23	26	23					
16	19	19	14	16	14	11	16	24	33	-	29	25	25	24	22	23	24	28	28	21	22	22	17	18	21					
17	19	16	14	15	13	14	19	32	37	32	29	26	24	24	23	28	28	27	26	16	16	17	11	9	21					
18	9	11	14	12	12	15	21	27	29	25	21	16	16	13	16	18	25	29	21	19	18	19	17	16	18					
19	14	14	10	12	12	14	19	26	30	23	18	17	16	15	16	18	18	18	16	17	15	16	12	12	17					
20	9	9	6	3	4	5	7	4	2	2	2	18	31	31	25	24	29	20	19	22	21	14	7	9	13					
21	11	9	8	4	2	1	2	5	4	2	2	5	3	2	23	28	23	20	18	16	13	10	12	12	10					
22	12	10	9	9	9	11	15	20	25	22	19	20	18	16	17	20	23	22	17	15	14	12	13	12	16					
23	11	10	10	9	8	9	12	17	22	20	19	20	18	17	17	19	21	23	19	15	14	13	13	14	15					
24	12	9	8	9	9	8	11	21	25	23	20	20	18	19	22	27	29	25	24	23	19	18	17	16	18					
25	13	10	10	9	9	12	23	14	13	8	4	4	31	30	-	39	49	41	9	6	8	8	5	5	16					
26	13	14	8	7	7	8	12	18	22	22	22	24	24	23	25	25	27	23	21	19	18	19	18	15	18					
27	13	11	9	6	5	6	7	8	9	12	14	12	12	11	12	12	13	15	14	14	12	9	8	9	11					
28	12	11	11	8	6	5	5	5	5	7	8	9	11	12	13	12	12	13	10	12	12	12	12	13	10					
29	8	5	3	3	3	5	9	15	19	15	14	16	14	13	13	14	16	17	14	13	12	10	10	11	11					
30	11	9	7	7	7	9	13	21	24	21	17	17	17	15	14	19	19	17	14	12	10	11	11	11	14					
MEAN	13	11	9	9	8	9	14	21	22	19	19	18	18	19	21	22	24	23	21	19	17	16	14	15	16.7					

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - WC NO 29008					NORTH PARK HAMILTON										MONTH - DEC 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN					
1	10	9	9	8	6	8	14	30	43	42	20	9	7	22	26	28	25	21	18	16	15	16	14	15	18					
2	14	12	10	9	9	10	14	21	23	19	19	20	20	18	17	18	22	20	16	15	15	14	13	11	16					
3	11	11	6	12	5	3	3	6	17	49	47	39	36	27	30	35	43	50	20	12	14	7	3	4	20					
4	2	2	2	2	2	2	2	2	8	25	3	5	16	26	26	21	18	17	18	19	19	16	14	13	12					
5	12	11	9	8	6	6	7	7	7	8	13	15	15	19	18	21	22	23	24	24	25	22	22	29	16					
6	20	20	22	9	3	4	4	6	6	6	5	5	6	7	11	15	49	62	28	35	21	17	17	20	17					
7	13	13	11	13	13	16	20	26	35	31	32	26	24	27	29	27	26	27	22	18	15	17	17	13	21					
8	3	2	3	5	4	5	9	18	21	25	5	9	15	37	30	28	29	28	17	17	18	16	17	15	16					
9	13	11	8	9	9	11	15	22	8	5	7	7	7	10	12	15	40	36	21	5	6	9	10	11	13					
10	7	14	9	14	13	14	18	26	30	24	23	22	20	19	20	22	22	21	18	15	14	17	12	10	18					
11	7	6	6	5	4	6	10	12	14	16	18	23	22	23	22	21	21	22	21	21	19	16	14	15	15					
12	15	14	15	14	13	12	13	14	14	15	18	19	19	20	20	18	20	21	21	16	17	15	10	9	16					
13	7	6	4	5	5	7	11	22	27	-	27	27	20	18	26	30	39	30	27	23	22	24	23	24	20					
14	25	15	11	11	12	14	18	25	32	29	25	25	22	19	21	22	23	22	17	16	14	12	15	19	19					
15	16	14	12	13	12	17	23	28	30	26	22	26	24	38	38	43	49	67	48	78	93	96	79	59	40					
16	55	47	41	45	29	31	48	62	83	83	23	23	29	16	18	36	41	24	59	34	23	25	18	17	38					
17	15	10	13	14	14	15	19	23	29	28	29	26	22	24	24	26	25	25	19	18	20	16	12	14	20					
18	12	8	7	6	4	6	9	14	19	20	19	21	27	26	14	33	26	6	5	8	14	11	13	16	14					
19	9	12	12	13	9	11	15	14	17	16	16	16	18	20	20	22	23	27	39	26	15	11	12	21	17					
20	24	23	24	13	9	11	18	27	35	28	25	25	19	16	20	21	21	20	19	14	12	15	13	11	20					
21	9	7	6	6	6	9	13	22	27	20	21	20	17	16	20	19	21	20	14	12	15	14	9	11	15					
22	11	10	8	7	8	9	16	21	26	28	23	23	20	23	24	25	27	26	21	18	16	18	17	17	18					
23	13	12	10	11	12	13	19	22	28	22	22	21	29	35	13	4	8	23	25	17	14	12	10	11	17					
24	10	10	11	10	9	8	9	15	20	19	20	23	19	19	21	25	23	20	19	15	14	17	19	14	16					
25	13	13	11	9	10	11	9	9	10	13	14	16	16	15	17	17	17	15	12	12	14	14	15	14	13					
26	10	5	3	2	3	5	10	10	8	13	16	18	17	16	15	19	14	13	12	13	19	12	13	9	11					
27	9	6	3	2	2	2	3	6	7	12	22	30	25	20	18	19	23	28	22	7	5	7	7	14	12					
28	5	2	4	2	2	2	1	1	1	1	1	1	2	7	12	11	36	38	27	18	27	16	12	11	10					
29	27	19	11	10	10	11	14	20	25	23	22	21	20	17	17	19	19	17	15	13	11	12	13	13	17					
30	12	11	12	11	12	16	23	24	-	-	32	23	21	31	29	36	32	22	19	17	13	13	12	14	20					
31	14	17	15	12	9	11	11	12	8	5	7	9	10	10	10	13	14	11	16	13	11	10	6	6	11					
MEAN	14	12	11	10	9	10	13	18	22	22	19	19	19	21	21	23	26	26	22	19	18	17	16	15	17.2					



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	12.2	19	49
FEB	29	12.3	20	61
MAR	31	9.0	22	47
APR	30	11.0	20	45
MAY	31	9.5	20	55
JUN	30	9.5	21	44
JUL	30	10.8	22	43
AUG	31	10.7	20	37
SEP	30	12.1	26	47
OCT	31	11.3	24	44
NOV	30	16.7	24	49
DEC	31	17.6	40	96
YEAR	365	11.9	40	96

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	194	148	283	100	15	3	0	743
FEB	155	155	283	88	11	3	1	696
MAR	309	177	187	57	12	2	0	744
APR	252	108	261	80	11	1	0	713
MAY	328	118	183	83	16	0	1	729
JUN	295	127	197	77	7	1	0	704
JUL	268	126	215	99	16	4	0	728
AUG	272	121	234	92	13	0	0	732
SEP	210	121	247	106	17	2	0	703
OCT	259	145	204	111	18	1	0	738
NOV	48	111	338	180	30	7	0	714
DEC	62	118	332	175	27	15	12	741
YEAR	2652	1575	2964	1248	193	39	14	8685

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALIO	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.9	0	0.9	4.8	10.4	15.7	23.1	27.0	32.0	36.7	96	11.9

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	3	3	3	3	2
2	5	5	5	5	4	4	7	11	9	8	8	7	8	7	11	12	12	10	10	10	9	6	5	5	8
3	4	5	3	3	3	3	4	4	4	4	4	4	4	5	4	5	5	4	4	4	4	3	3	3	4
4	2	2	2	2	2	2	3	3	2	2	3	2	3	3	2	2	3	4	5	6	6	4	4	4	3
5	4	4	3	3	3	4	8	12	17	11	7	6	5	6	5	10	11	8	7	6	8	10	9	6	7
6	10	5	4	4	5	6	9	12	11	7	9	8	8	8	9	11	15	13	11	10	8	10	9	6	9
7	5	4	3	4	5	5	6	8	8	7	8	9	8	5	6	5	4	4	2	1	1	2	1	5	5
8	2	1	1	1	1	1	3	8	14	13	10	8	****	6	4	6	7	7	6	6	5	5	5	5	5
9	4	3	3	5	6	6	6	7	9	7	6	6	5	5	5	6	7	7	6	7	6	7	7	7	6
10	5	5	6	7	6	6	6	6	5	6	6	5	5	5	5	6	6	7	6	11	12	10	10	9	7
11	10	8	5	4	4	7	8	7	8	10	10	9	9	9	9	8	7	8	8	6	4	5	5	5	7
12	6	5	4	3	2	4	5	9	10	9	9	6	6	8	9	10	12	14	11	8	6	6	6	6	7
13	6	4	4	4	4	5	8	10	12	12	12	12	13	15	15	16	15	11	10	9	9	5	3	4	9
14	5	4	1	1	1	2	3	4	5	****	4	3	3	3	3	4	4	4	4	4	4	3	3	3	3
15	3	2	2	2	1	1	3	6	6	6	5	5	5	6	8	6	11	10	12	10	13	10	11	11	6
16	12	13	17	10	2	4	6	8	7	6	6	7	6	6	6	4	6	6	4	4	4	5	5	6	7
17	5	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	5	6	5	4	4	5	2
18	3	3	4	4	4	5	5	6	6	4	3	3	4	5	5	6	7	7	8	8	10	9	13	6	6
19	12	9	6	4	4	4	7	12	13	8	9	9	10	12	9	13	10	9	6	6	5	5	5	8	8
20	4	4	3	2	3	2	5	7	7	6	5	5	5	5	6	7	7	6	5	5	5	4	6	5	5
21	4	4	4	3	3	3	5	8	9	****	7	7	7	6	9	7	8	10	8	5	2	1	1	2	5
22	2	3	3	3	3	1	3	3	2	3	3	4	1	1	2	2	3	4	4	5	5	4	3	3	3
23	2	2	2	3	5	8	9	18	25	13	8	8	9	9	10	11	16	19	13	7	10	8	7	5	9
24	4	4	3	4	3	3	3	4	4	6	6	6	6	6	6	5	4	3	5	10	18	17	26	36	8
25	25	20	19	16	21	21	13	11	12	10	9	8	8	7	4	5	5	5	5	3	4	4	5	6	10
26	9	11	14	13	3	2	5	7	7	6	7	11	9	9	9	11	13	12	8	5	5	5	4	4	8
27	4	2	2	2	2	3	6	6	7	6	5	5	5	6	2	3	7	7	6	5	5	4	6	6	5
28	5	4	3	2	2	3	4	5	7	5	5	5	5	5	7	7	10	8	4	4	4	4	5	6	5
29	4	4	4	3	2	4	5	7	6	4	4	4	4	2	2	4	4	4	4	4	4	4	4	4	4
30	4	4	3	2	3	4	4	4	4	5	6	7	7	6	5	5	5	4	3	4	5	4	6	11	5
31	13	17	17	14	13	11	15	17	19	18	12	9	7	6	6	7	9	8	6	5	5	3	3	3	10
MEAN	6	5	5	4	4	4	6	7	8	7	6	6	6	6	6	6	8	7	6	6	6	6	6	6	6.1

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	2	2	2	4	4	4	3	4	5	4	5	5	5	2	1	1	1	1	1	1	3
2	1	1	1	1	1	1	3	6	6	5	4	4	4	4	4	4	6	6	5	4	3	3	4	4	4
3	4	3	4	4	5	4	6	8	10	6	6	7	7	6	5	7	8	10	11	9	7	9	12	12	7
4	10	11	8	3	3	4	6	5	5	***	4	4	4	4	4	5	4	2	4	5	6	6	7	7	5
5	6	4	4	3	3	3	4	4	4	5	5	7	10	10	14	12	11	8	8	8	9	9	9	11	7
6	12	14	12	11	9	8	10	14	15	9	9	7	4	4	4	4	7	7	5	5	4	3	3	3	8
7	2	2	2	2	2	2	4	6	6	4	4	5	5	3	4	5	5	5	3	3	3	2	2	2	4
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	4	4	4	5	4	2
9	4	3	4	4	4	4	10	16	19	17	12	8	6	6	7	10	11	9	6	6	4	4	3	3	8
10	2	3	3	3	2	5	6	8	7	7	6	5	5	5	7	6	7	7	6	3	3	4	4	3	5
11	3	2	2	2	2	2	4	6	5	****	6	5	5	5	4	5	5	5	2	3	2	2	3	4	4
12	3	3	2	2	3	4	7	11	12	10	7	6	5	6	6	7	6	6	5	6	8	9	6	3	6
13	2	2	2	2	2	2	4	6	8	5	2	1	2	2	2	2	4	3	3	2	2	2	2	1	3
14	2	2	3	4	4	3	5	5	6	6	4	4	2	2	2	3	4	6	10	7	6	11	13	13	5
15	7	10	5	4	5	7	7	6	3	3	4	4	4	3	3	2	2	2	3	2	2	3	3	2	4
16	2	1	1	1	1	2	5	13	10	5	5	5	2	4	12	7	10	9	6	4	6	4	5	5	5
17	5	5	5	2	2	5	4	4	4	4	4	4	2	4	6	6	7	4	3	2	5	7	7	7	5
18	6	5	5	4	5	5	5	6	7	9	7	9	12	15	7	15	25	25	12	11	3	2	2	2	9
19	1	1	1	1	1	1	3	3	5	4	4	5	5	6	7	6	6	5	4	4	4	3	3	4	4
20	3	3	2	2	2	2	4	9	10	4	4	4	4	4	4	4	5	8	9	9	14	13	14	16	6
21	24	27	19	11	12	11	12	9	8	6	7	8	10	10	11	18	14	14	12	8	11	14	8	7	12
22	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
23	1	1	1	1	1	1	1	1	1	2	3	5	5	4	6	7	8	6	4	4	4	4	4	2	3
24	3	2	2	2	2	2	4	5	5	5	4	4	4	4	4	6	5	5	7	8	9	11	16	15	6
25	8	3	3	3	5	4	5	7	7	5	****	4	3	3	3	4	6	7	9	5	3	3	3	5	5
26	7	4	4	6	3	5	16	21	19	8	6	6	5	8	8	8	14	12	10	7	7	5	4	4	8
27	3	2	2	2	2	2	5	9	9	4	4	4	5	4	5	3	4	6	13	12	8	6	7	9	5
28	7	7	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	4	7	11	8	7	10	9	4
29	11	13	13	10	10	8	7	11	10	10	6	3	3	3	3	3	3	2	2	1	2	2	2	2	6
MEAN	5	5	4	3	3	4	5	7	7	6	5	5	5	5	5	6	7	6	6	5	5	5	6	6	5.2

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	4	4	5	7	4	4	4	4	5	3	3	3	3	2	3	2	
2	2	2	3	4	4	8	7	8	10	8	7	8	7	7	6	5	4	4	4	4	5	4	4	4	5
3	4	5	5	6	7	4	5	9	5	7	6	5	6	7	8	8	11	9	6	6	5	5	6	7	6
4	7	8	7	10	7	6	14	10	10	13	10	9	7	6	5	-	5	5	5	5	4	5	6	7	7
5	10	9	11	9	9	13	10	25	28	33	9	4	3	4	2	3	4	4	3	3	4	3	3	3	9
6	3	3	3	2	2	2	2	3	2	2	2	3	4	4	4	5	5	4	5	5	7	5	5	3	4
7	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	3	2
8	2	2	2	2	2	2	4	6	7	4	4	3	2	4	3	5	5	5	5	5	5	5	3	6	4
9	14	8	5	3	2	3	8	15	12	10	10	8	7	5	4	5	5	5	5	3	5	4	4	7	7
10	5	6	6	6	4	4	5	9	10	9	9	9	10	9	8	10	18	14	9	7	4	3	4	5	8
11	4	3	3	2	2	2	6	8	8	4	2	2	2	2	2	2	2	2	2	3	7	6	9	8	4
12	11	6	5	5	5	6	6	7	6	6	8	8	7	9	11	13	18	13	27	21	12	5	7	6	10
13	4	4	3	2	1	2	1	2	3	3	4	4	3	3	3	3	3	2	2	2	3	2	2	3	3
14	3	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	2	3
15	2	2	2	2	1	2	4	7	7	5	3	3	2	2	2	2	3	2	2	2	2	3	7	3	3
16	7	4	5	3	2	4	4	5	7	7	10	9	8	9	8	7	8	7	4	2	3	4	4	3	6
17	2	2	2	2	2	2	2	4	4	3	2	2	1	2	4	2	4	4	4	5	5	5	9	12	4
18	10	9	9	6	9	8	11	16	16	8	8	8	7	6	9	9	12	12	11	13	12	9	8	13	10
19	10	6	10	9	10	8	5	7	6	-	4	5	5	5	3	4	5	5	5	4	5	4	4	4	6
20	4	3	2	2	2	2	1	3	3	3	4	3	5	4	4	4	5	5	5	4	4	3	3	3	3
21	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
22	1	1	1	1	2	2	2	7	9	9	8	11	8	9	7	6	6	6	5	6	5	6	7	5	5
23	5	3	3	3	3	4	5	7	8	5	4	5	3	3	3	5	5	5	6	8	5	5	5	5	5
24	3	3	2	2	2	3	5	8	7	7	6	6	5	4	4	4	7	4	4	4	4	3	3	2	4
25	2	1	1	1	1	3	5	6	6	5	4	3	3	3	3	3	3	4	4	3	4	3	2	5	3
26	9	8	10	8	8	8	19	27	17	15	14	11	9	11	13	17	16	15	11	10	17	14	15	15	13
27	12	19	21	19	12	10	4	4	4	4	5	6	6	6	3	4	2	2	1	1	1	1	1	1	6
28	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	8	6	5	5	10	11	3
29	12	8	8	8	7	4	5	6	7	7	5	4	4	5	5	5	5	7	8	8	7	8	10	14	7
30	12	8	7	7	7	7	9	10	12	11	11	8	8	9	8	12	6	9	11	10	12	13	4	6	9
31	6	3	2	1	1	2	5	8	6	8	9	11	11	18	17	19	21	14	8	7	6	6	4	5	8
MEAN	6	5	5	4	4	4	5	8	7	7	6	6	5	5	5	6	6	6	6	5	5	5	5	6	5.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - WC NO 29025					BARTON/WENTWORTH HAMILTON							MONTH - APR 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	2	1	2	3	7	8	7	6	4	5	4	4	5	5	6	6	6	5	5	4	4	4	5
2	4	4	2	2	2	2	7	8	4	-	3	2	2	2	2	2	4	3	4	4	5	4	4	5	4
3	4	5	2	1	1	2	2	4	2	2	4	2	2	2	2	3	4	5	7	4	1	1	1	1	3
4	1	3	4	5	6	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2
5	3	2	2	2	2	2	3	4	6	5	5	5	3	3	3	3	4	4	4	4	3	4	4	5	4
6	7	4	4	3	4	5	9	10	8	6	3	2	1	2	2	2	2	2	2	2	2	5	6	4	4
7	5	6	4	1	2	2	2	2	2	4	4	8	8	5	3	7	5	3	2	1	1	2	2	3	3
8	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	3	2
9	4	2	2	2	2	1	2	4	8	6	7	4	7	5	7	2	3	3	6	8	4	5	4	5	4
10	5	5	5	3	3	3	3	4	5	5	4	4	4	3	3	3	3	4	3	3	3	3	3	3	4
11	2	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0
12	3	4	3	2	2	2	6	4	2	1	2	1	2	2	2	4	5	5	3	5	5	5	5	4	3
13	5	5	3	3	3	3	4	6	6	5	5	4	3	3	3	3	4	4	5	5	5	5	7	9	5
14	9	6	5	4	5	6	8	15	13	9	7	4	4	4	4	5	7	6	6	6	7	6	4	4	6
15	4	3	2	2	2	2	3	9	10	6	4	4	3	3	3	4	5	6	5	4	6	7	4	3	4
16	7	11	7	7	6	2	2	3	3	3	3	3	3	3	2	2	3	3	3	4	6	3	3	3	4
17	5	1	1	1	1	1	2	2	3	3	4	3	3	3	2	2	3	3	3	7	6	4	4	3	3
18	5	5	6	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	3	7	5	4	3	3
19	2	1	1	1	1	1	3	6	6	5	3	3	3	3	3	3	3	3	3	4	5	5	6	3	3
20	5	6	5	1	1	2	1	4	13	9	5	6	9	9	9	10	11	7	8	9	10	14	13	12	7
21	15	12	10	12	10	6	10	11	11	10	9	10	20	13	14	14	14	12	7	11	22	23	11	14	13
22	11	9	4	1	1	2	3	4	4	-	4	3	4	4	3	4	5	4	6	7	4	5	6	5	5
23	2	2	1	1	1	1	3	2	3	2	1	1	2	2	2	2	2	3	2	7	8	11	5	4	3
24	4	4	8	7	4	4	7	6	4	5	6	6	7	5	7	13	11	6	10	11	11	7	8	11	7
25	16	11	8	6	5	5	3	6	7	8	5	7	11	7	9	8	10	10	5	2	2	2	1	1	6
26	1	1	0	1	1	1	2	2	2	2	2	1	2	1	2	2	1	2	2	2	2	4	2	2	2
27	2	1	1	1	2	5	7	5	2	3	2	2	3	3	3	4	2	2	2	2	3	3	2	3	3
28	2	1	1	1	2	7	9	7	2	2	2	2	1	1	2	2	2	2	2	3	3	4	4	2	3
29	2	2	2	2	3	9	8	9	5	5	4	3	3	3	4	6	3	3	3	4	7	7	7	6	5
30	5	3	5	4	8	15	21	18	7	6	6	8	7	8	7	9	7	7	8	9	9	6	9	6	8
MEAN	5	4	3	3	3	3	5	6	5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

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## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - WC NO 29025					BARTON/WENTWORTH HAMILTON										MONTH - MAY 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	5	4	2	2	3	4	7	4	3	10	10	8	10	12	14	8	7	6	9	8	7	6	6	5	7		
2	5	3	2	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3	3	3	2	2	2	2	3		
3	1	1	1	1	1	2	4	4	3	3	4	3	3	4	4	5	4	4	3	3	3	3	3	3	3		
4	2	1	1	1	1	3	5	4	4	3	3	2	3	3	4	5	3	3	3	3	3	4	3	3	3		
5	2	2	2	2	2	4	7	5	5	3	3	2	3	2	3	3	3	2	3	2	2	2	2	2	3		
6	1	1	1	1	1	2	2	3	3	3	5	-	-	6	6	6	5	4	4	5	5	3	5	7	4		
7	3	11	12	8	2	1	2	2	-	2	3	4	4	4	4	4	4	5	13	17	23	18	10	7	7		
8	6	4	2	2	2	3	4	4	5	5	5	3	2	3	2	3	3	3	3	6	4	4	4	4	4		
9	3	2	1	1	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	5	12	16	24	19	5		
10	12	17	11	13	15	22	17	14	9	7	6	7	3	3	3	4	3	3	4	5	8	6	4	3	8		
11	2	2	1	1	1	4	12	13	9	8	9	9	6	11	7	3	3	4	3	2	3	3	3	3	5		
12	2	2	2	2	2	5	9	6	3	5	4	3	2	2	3	3	3	3	3	4	5	8	7	8	4		
13	3	1	1	2	3	5	6	6	6	7	7	9	5	6	6	7	7	8	6	7	8	12	8	10	6		
14	7	11	7	6	6	7	15	19	-	5	5	5	6	6	8	6	5	5	5	8	9	7	17	12	8		
15	13	13	10	10	12	8	14	14	15	14	13	10	8	8	8	8	10	10	7	8	9	6	6	14	10		
16	8	7	6	9	3	7	8	5	7	9	7	10	13	16	12	11	11	12	22	18	28	16	6	4	11		
17	2	2	1	2	1	4	7	7	5	5	5	4	4	4	5	7	7	4	3	3	2	2	2	2	4		
18	1	1	1	1	1	1	3	4	4	4	4	2	1	1	1	2	2	2	2	2	2	3	5	5	2		
19	2	2	1	2	2	4	4	4	4	4	4	4	3	3	3	4	2	2	2	2	3	3	4	3	3		
20	2	2	2	2	2	4	6	9	-	7	8	6	6	6	6	6	5	5	5	7	10	9	8	4	6		
21	2	1	1	1	1	4	5	3	2	2	2	2	1	2	2	2	2	2	1	2	4	6	6	5	3		
22	4	3	2	2	2	2	2	2	2	2	2	2	0	1	1	1	1	1	2	2	2	2	6	5	2		
23	7	5	2	2	2	2	2	1	1	1	4	5	4	4	4	3	2	1	1	2	3	3	5	4	3		
24	2	3	3	1	1	2	1	1	3	4	5	2	4	6	4	4	5	5	7	8	5	7	8	7	4		
25	4	5	3	2	4	10	15	12	6	7	5	5	5	6	6	7	7	7	8	9	8	6	3	3	6		
26	2	1	2	3	3	4	6	6	5	5	8	8	7	6	6	6	8	10	9	12	12	14	16	14	7		
27	8	6	6	4	5	9	10	7	6	9	12	7	2	2	4	4	5	4	5	8	7	5	9	8	6		
28	7	8	5	7	6	8	10	10	-	12	12	12	11	11	10	12	7	6	6	8	11	6	10	10	9		
29	8	9	6	4	5	9	7	3	10	12	9	8	7	10	4	5	6	4	3	3	4	8	9	9	7		
30	9	6	5	2	3	5	5	7	9	8	9	9	10	9	8	9	6	3	9	11	7	4	6	6	7		
31	6	6	6	4	8	10	11	13	11	14	13	10	13	15	10	13	21	15	21	18	18	19	20	15	13		
MEAN	5	5	3	3	3	5	7	6	5	6	6	6	5	6	5	5	5	5	6	7	7	7	7	7	5.5		

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - WC				NO 29025	BARTON/WENTWORTH HAMILTON										MONTH - JUN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	9	6	5	4	4	2	3	3	5	7	6	6	6	6	5	7	6	5	6	7	6	14	23	32	8				
2	34	15	9	9	16	25	10	11	7	8	9	7	7	5	6	7	7	5	7	2	5	23	23	17	11				
3	19	23	22	17	19	25	29	27	20	9	5	2	2	3	5	8	7	6	5	9	11	23	28	25	15				
4	24	27	17	16	14	12	8	11	-	11	9	10	9	9	9	8	8	6	5	8	10	14	18	12	12				
5	16	17	12	15	15	14	10	8	11	11	9	8	10	8	10	8	7	5	4	3	6	16	18	20	11				
6	26	17	12	12	9	10	10	5	4	5	3	3	2	1	1	1	1	1	-	2	3	3	3	6	6				
7	5	3	3	-	1	3	6	7	4	6	3	2	2	3	2	3	2	2	1	3	5	-	7	7	4				
8	6	5	3	4	4	8	10	9	9	6	5	3	2	3	3	3	2	2	2	3	7	10	10	9	5				
9	7	6	4	5	6	6	6	6	8	6	4	2	3	2	3	4	4	3	3	3	3	3	3	3	4				
10	2	2	2	1	1	3	6	7	6	3	4	3	4	2	2	4	4	3	3	6	4	5	6	3	4				
11	2	1	1	1	-	3	5	7	-	-	3	2	3	3	2	3	2	3	1	1	2	3	2	2	2				
12	2	2	2	3	7	7	-	6	3	4	3	3	3	3	3	2	3	4	3	3	4	4	4	9	4				
13	12	6	4	3	1	3	4	4	4	6	5	3	3	3	4	2	2	3	2	4	4	3	4	3	4				
14	3	1	2	2	2	3	4	4	5	3	5	4	4	4	4	3	3	3	3	3	3	4	3	3	3				
15	3	3	2	2	2	4	5	5	5	4	3	3	4	4	4	6	6	5	5	6	6	7	8	8	5				
16	6	6	8	1	8	10	14	5	4	4	4	5	5	7	6	7	4	2	2	3	4	4	4	5	5				
17	4	3	2	2	2	2	3	4	4	3	3	2	2	4	5	5	7	5	4	8	16	17	13	18	6				
18	10	13	10	8	7	11	15	15	15	15	11	10	10	1	9	6	7	9	9	9	14	15	14	11	11				
19	10	7	8	3	2	2	4	4	5	5	5	5	5	4	3	3	2	2	1	1	1	1	3	2	4				
20	3	2	1	1	1	1	2	1	1	1	2	3	2	3	2	1	1	-	5	6	14	17	12	10	4				
21	4	2	4	4	2	5	9	8	5	4	4	6	6	4	5	5	4	4	4	4	5	5	5	5	5				
22	3	3	3	3	3	4	5	7	6	5	4	3	4	4	3	4	5	5	-	8	-	5	6	4	4				
23	12	9	5	5	6	10	10	14	9	9	6	7	8	9	9	8	8	6	6	3	3	4	10	8	8				
24	11	7	5	4	6	12	14	16	7	6	6	6	8	8	8	8	9	5	5	6	6	6	5	2	7				
25	3	1	2	2	2	3	3	4	4	4	3	3	4	2	5	5	4	4	4	5	5	6	5	3	4				
26	3	2	1	-	-	2	3	4	4	4	3	2	2	2	2	2	-	2	2	2	5	8	12	6	3				
27	7	8	4	3	2	4	4	4	3	2	2	2	4	5	3	4	4	2	3	3	3	4	3	2	4				
28	2	1	1	1	1	6	7	8	5	2	5	7	6	8	7	8	6	7	5	7	5	5	6	8	5				
29	7	5	5	4	3	5	7	6	5	10	10	10	9	8	7	9	5	6	7	6	6	6	10	10	7				
30	9	7	6	6	3	5	13	8	-	10	11	11	9	8	9	9	6	6	6	5	5	9	8	6	8				
MEAN	9	7	6	5	5	7	8	8	6	6	5	5	5	5	5	5	5	4	4	5	6	9	9	9	6.1				

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - JUL 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	2	5	3	4	4	3	3	3	3	2	2	2	1	2	2	2	3	3	3	2	3
2	1	1	1	1	1	3	3	3	3	3	3	3	4	4	4	2	2	2	2	4	4	2	4	3	3
3	3	2	1	1	1	1	2	2	3	3	3	3	3	8	5	5	6	5	2	4	4	4	2	5	3
4	3	1	1	1	1	1	3	4	4	4	3	3	3	3	3	2	3	2	2	2	4	14	18	15	4
5	9	9	5	4	4	10	14	9	7	5	5	3	1	2	4	9	5	6	5	5	5	7	7	6	6
6	8	5	4	5	5	9	14	11	5	4	5	4	4	4	6	9	6	5	4	5	7	8	6	5	6
7	3	2	2	1	2	5	7	7	8	7	5	5	8	6	7	8	8	7	6	5	6	5	5	4	5
8	2	1	1	1	3	6	7	8	5	4	1	1	2	1	1	1	1	1	1	1	1	1	2	3	2
9	3	3	3	3	4	9	14	-	1	1	1	1	1	5	4	8	4	5	5	6	6	5	6	8	5
10	11	10	8	5	3	4	4	4	4	4	4	4	4	5	5	5	5	6	7	4	3	5	5	4	5
11	5	5	7	6	4	4	3	2	3	2	2	3	2	2	2	3	1	1	1	1	2	2	2	2	3
12	1	1	1	1	1	2	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	3	3	2	1	1	1	1	-	-	1	1	1	1	1	1	2	2	4	4	2
14	3	1	1	2	3	6	9	8	7	6	6	4	4	4	7	9	8	6	5	8	9	8	8	6	6
15	8	4	5	6	8	16	20	15	12	13	11	9	11	9	9	9	8	9	12	10	9	6	11	10	10
16	11	8	6	4	3	7	10	12	-	12	7	4	3	3	3	3	3	3	3	3	5	5	5	5	6
17	3	2	1	1	1	2	3	3	4	4	4	4	2	2	3	3	3	3	3	4	4	5	5	7	3
18	4	2	2	3	3	4	5	3	3	3	3	3	1	1	1	2	2	2	4	5	8	5	6	4	3
19	1	1	1	2	2	5	8	8	8	6	5	6	3	3	5	6	5	4	5	4	4	5	4	4	4
20	1	1	1	2	3	5	8	6	5	5	5	5	4	4	5	5	4	4	3	4	5	6	5	4	4
21	2	2	3	2	2	3	5	6	10	9	8	7	6	5	6	6	4	4	9	14	12	9	5	6	6
22	6	3	4	9	11	9	13	11	12	-	7	7	7	9	12	8	7	7	8	9	8	7	8	6	8
23	5	4	4	6	7	11	15	22	8	15	15	17	20	21	15	12	16	15	9	7	14	20	6	6	12
24	4	2	2	2	2	3	3	3	2	2	2	0	0	0	0	0	0	0	0	1	1	2	2	2	1
25	3	2	2	0	0	1	3	3	6	1	1	1	1	4	3	1	1	2	2	3	3	2	3	3	2
26	2	2	2	1	4	5	8	6	5	5	5	5	3	2	3	3	3	2	3	3	3	2	2	2	3
27	1	1	1	1	1	3	8	11	8	5	3	3	2	3	2	2	1	1	1	2	3	8	8	6	4
28	3	2	2	2	2	10	16	5	9	13	13	12	10	10	8	7	6	8	8	8	10	8	8	8	8
29	7	6	7	12	13	8	9	13	11	11	13	12	9	5	5	7	8	8	5	3	3	3	3	3	8
30	2	1	2	2	2	3	3	3	-	5	7	7	7	3	5	9	9	7	8	8	8	7	7	6	5
31	3	4	2	2	2	3	3	4	5	9	11	11	10	5	7	5	4	2	2	3	3	4	3	3	5
MEAN	4	3	3	3	3	5	7	7	6	6	5	5	5	4	5	5	4	4	4	5	5	6	5	5	4.7

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - AUG 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	6	6	10	2
2	7	3	3	3	3	3	5	4	3	5	5	5	4	5	5	4	6	5	4	3	4	10	18	19	6
3	13	10	7	5	5	10	16	15	9	7	8	6	5	4	5	6	5	5	7	5	7	4	8	6	7
4	3	3	2	2	2	6	10	9	7	3	3	4	4	4	5	6	7	4	3	6	7	7	6	4	5
5	2	1	1	1	2	4	8	7	7	6	4	4	2	3	3	4	4	3	4	4	6	3	3	2	4
6	1	0	1	1	0	1	1	2	4	5	6	6	6	5	4	5	4	5	5	7	8	10	7	6	4
7	4	5	9	7	8	8	7	8	7	5	8	9	5	4	5	6	8	6	8	10	9	9	6	7	4
8	5	2	3	2	2	2	2	3	2	2	3	3	1	2	2	3	2	3	3	5	11	11	7	5	4
9	3	2	2	2	2	2	4	7	7	5	4	5	8	16	15	20	10	8	10	6	8	6	6	8	7
10	9	4	3	4	5	10	21	20	11	8	8	5	2	2	2	2	2	2	2	5	15	10	5	5	7
11	3	4	2	3	3	6	9	10	11	7	6	6	6	5	6	7	7	6	7	9	6	7	7	6	6
12	3	2	2	2	2	3	7	8	7	7	7	6	6	8	6	5	4	4	4	6	6	5	6	4	5
13	2	2	2	2	2	3	6	7	-	6	5	5	3	6	6	6	7	7	7	9	10	11	10	11	6
14	7	5	5	4	4	4	4	4	4	5	7	9	6	5	9	6	8	6	5	7	8	9	9	9	6
15	4	3	3	2	1	1	1	2	1	2	3	2	1	1	1	1	2	2	2	3	4	6	6	5	2
16	2	1	1	1	1	6	14	9	6	4	2	2	2	2	2	3	2	2	-	-	6	7	5	5	4
17	2	1	1	1	1	5	8	9	10	10	6	4	1	1	2	1	2	1	2	5	5	8	5	6	4
18	7	5	4	4	6	12	29	28	15	11	12	11	13	14	11	15	8	6	9	16	12	9	17	26	13
19	25	17	22	16	14	21	35	22	16	18	19	15	12	9	8	10	10	7	11	13	15	21	28	25	17
20	16	11	10	8	6	7	14	12	11	8	7	6	4	4	7	9	8	7	6	7	8	9	9	9	8
21	6	5	4	4	3	4	4	4	5	5	4	5	3	3	4	4	4	4	5	6	7	6	6	5	5
22	4	4	3	3	3	3	3	3	4	4	4	4	2	2	2	2	2	2	3	4	6	5	4	3	3
23	2	2	1	2	2	2	3	3	3	6	9	7	7	3	4	8	7	8	11	6	6	3	3	4	5
24	3	6	5	3	3	6	10	7	3	7	6	6	5	9	7	8	5	8	8	12	14	12	14	21	8
25	22	16	9	7	7	13	31	35	-	-	19	12	11	10	9	10	11	9	7	5	10	17	21	23	14
26	25	22	13	12	11	14	28	25	29	21	17	16	12	11	10	11	10	8	8	7	7	7	7	5	14
27	3	2	2	3	3	5	10	12	9	9	7	6	6	7	7	8	7	6	6	5	4	4	4	3	6
28	3	2	2	2	2	2	3	3	4	3	4	4	4	6	6	4	4	7	6	8	8	10	10	8	5
29	3	2	1	0	0	0	1	1	0	0	1	1	1	1	0	1	0	0	1	1	1	1	2	3	1
30	2	1	1	1	1	5	10	10	4	1	1	1	1	1	1	1	1	1	1	3	4	2	5	7	3
31	7	5	5	5	3	11	22	21	15	7	7	5	6	7	7	8	11	11	13	15	14	8	5	3	9
MEAN	6	5	4	4	3	6	11	10	7	6	7	6	5	5	5	6	5	5	6	7	8	8	8	8	6.3

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.0



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	13	11	11	11	12	13	8	9	9	12	7	6	7	11	11	7	5	3	3	2	2	2	8
2	2	1	1	1	1	2	3	4	7	8	4	3	3	5	3	8	8	9	11	14	15	11	12	11	6
3	10	10	14	15	13	21	35	17	10	9	8	7	7	8	8	8	8	8	8	8	6	5	6	4	11
4	2	1	1	1	1	1	1	2	2	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	*****
5	2	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	2	2	1	3	1
6	1	1	1	1	1	2	3	3	3	1	1	1	1	1	1	1	1	3	7	7	8	11	13	5	3
7	7	6	4	4	7	11	13	10	8	9	8	6	6	6	6	7	5	4	4	6	6	4	6	4	7
8	3	5	2	2	2	9	17	12	-	9	6	11	21	19	14	17	14	13	10	7	10	14	20	16	11
9	11	12	12	12	10	17	21	21	14	24	27	19	18	15	11	11	12	10	5	10	14	14	9	6	14
10	2	2	1	1	2	3	6	5	4	3	2	3	2	1	2	5	3	5	2	4	3	4	2	1	3
11	1	1	1	1	1	2	4	3	4	4	4	3	4	1	1	1	1	1	3	9	7	11	15	21	4
12	15	17	5	5	5	5	9	3	4	6	3	3	2	2	2	2	2	4	8	7	7	4	3	5	5
13	3	2	2	2	2	8	12	11	9	8	7	6	4	4	7	8	7	6	7	7	5	8	7	6	6
14	7	2	1	2	3	7	14	13	11	9	6	5	5	5	6	8	8	8	9	8	8	9	6	3	7
15	3	3	3	3	3	7	13	22	-	14	12	16	13	11	12	12	11	9	8	8	12	13	9	7	10
16	7	8	8	9	8	7	8	9	9	8	9	11	13	15	15	16	16	12	11	12	12	11	11	11	11
17	10	10	10	8	8	7	9	9	12	13	13	13	13	12	11	13	11	11	13	16	12	11	13	11	11
18	7	5	4	2	4	9	15	11	8	4	2	2	2	5	9	1	3	5	7	8	5	5	4	5	6
19	6	3	2	2	1	2	3	3	3	4	3	2	2	2	2	2	2	4	5	4	6	6	4	3	3
20	1	2	2	2	2	7	10	12	9	8	9	3	2	3	3	4	1	1	1	1	1	1	1	2	4
21	2	1	1	1	2	7	11	11	10	4	4	4	4	5	8	9	5	5	6	6	5	5	4	3	5
22	1	1	1	1	1	3	3	4	3	4	4	3	3	4	5	7	5	5	4	6	9	10	8	6	4
23	5	4	8	6	3	9	11	9	6	-	-	6	6	5	5	6	5	5	9	8	10	9	10	6	7
24	4	2	2	2	5	11	23	18	11	7	4	4	4	5	6	5	5	10	10	8	8	6	10	9	7
25	7	6	7	3	3	7	7	7	8	7	8	6	6	6	6	6	7	9	12	10	2	1	2	2	6
26	5	7	9	10	11	11	11	5	9	11	10	11	8	8	5	11	9	7	7	4	3	2	2	2	8
27	4	5	5	4	9	7	9	9	11	10	9	6	8	9	12	12	14	15	17	27	20	17	8	5	11
28	4	2	2	2	1	3	4	4	4	3	4	4	4	3	5	8	6	8	10	8	7	7	7	7	5
29	4	2	2	2	2	5	9	10	-	8	6	5	4	4	7	9	8	6	8	8	9	8	4	6	6
30	3	4	4	4	7	11	24	27	23	13	15	15	11	13	13	11	10	12	12	18	16	17	20	25	14
MEAN	5	4	4	4	4	7	11	10	8	8	7	6	6	6	7	7	7	7	8	8	8	8	8	7	6.9

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	19	7	10	9	13	12	15	20	19	15	12	12	8	15	20	17	14	14	15	11	13	10	4	13
2	8	12	15	10	13	15	13	14	13	20	20	23	18	10	11	10	8	8	8	9	12	27	47	30	16
3	21	32	30	23	13	11	13	11	4	6	5	3	5	5	7	8	9	9	9	11	19	31	39	42	15
4	40	40	27	27	25	28	30	31	26	21	18	16	13	11	11	11	10	11	15	18	8	22	27	22	21
5	23	30	23	17	16	26	46	50	20	10	-	-	-	8	10	12	11	11	12	19	20	13	7	4	18
6	2	1	1	3	3	7	11	12	9	11	12	13	10	9	10	12	10	8	6	7	4	2	1	2	7
7	1	1	1	1	1	1	2	5	4	3	3	2	8	13	18	8	5	3	3	4	3	3	3	2	4
8	1	1	1	2	2	3	4	6	5	6	7	8	6	5	5	9	11	10	7	5	4	4	4	4	5
9	3	2	2	4	5	5	7	8	5	3	2	2	1	1	1	2	9	5	3	5	6	5	7	6	4
10	4	2	1	1	2	2	2	4	4	2	2	2	1	1	1	1	1	2	2	6	14	10	9	9	4
11	7	6	8	8	9	9	12	15	14	11	9	7	6	6	6	6	8	10	17	12	20	32	33	44	13
12	34	27	32	29	31	39	68	71	32	12	11	10	10	8	13	12	14	11	12	11	12	9	7	4	22
13	2	2	1	1	2	5	10	10	8	7	6	6	4	4	5	7	8	5	3	4	5	4	3	5	5
14	2	1	1	1	1	3	5	6	4	3	2	3	4	4	5	6	6	8	9	10	11	9	10	5	5
15	12	5	2	2	2	5	8	8	4	4	5	5	5	7	7	7	7	6	5	4	4	4	2	5	5
16	3	2	1	1	2	2	3	1	1	1	2	2	1	2	2	3	4	2	2	4	2	3	4	5	2
17	7	5	4	2	2	2	2	1	1	1	1	1	4	7	8	8	5	1	1	1	2	5	5	3	3
18	3	3	3	4	5	12	25	20	10	6	6	2	2	4	7	7	3	2	2	2	1	2	6	5	6
19	8	9	7	6	4	10	14	18	17	16	15	10	8	8	13	20	17	12	12	14	8	7	7	6	11
20	5	5	5	8	5	6	6	-	10	16	14	14	18	15	12	11	13	13	16	14	14	14	9	6	11
21	2	1	2	2	2	4	8	7	7	7	7	5	5	5	7	11	8	6	5	5	5	5	5	5	5
22	2	1	1	1	2	4	5	7	6	5	5	6	5	4	6	7	6	6	6	6	6	6	6	6	5
23	5	3	2	2	2	5	6	8	9	10	8	7	7	6	6	9	10	14	23	19	13	13	15	14	9
24	20	21	14	8	11	11	9	7	9	8	9	9	7	6	6	5	9	8	9	12	10	11	13	10	10
25	6	5	4	3	3	3	5	8	10	13	12	13	10	12	5	5	5	3	3	3	2	3	3	4	6
26	3	3	2	2	2	3	5	7	7	9	11	12	10	8	2	2	2	2	2	3	4	5	2	2	5
27	2	1	1	2	2	9	17	16	4	5	4	2	1	1	3	4	2	3	5	10	13	14	11	9	6
28	6	4	2	2	3	7	10	12	10	9	9	9	-	8	9	9	11	9	8	6	6	6	6	4	7
29	4	3	3	2	2	4	6	8	8	7	8	8	8	9	9	11	11	9	9	10	8	7	7	7	7
30	10	7	5	4	4	6	8	9	10	11	12	11	11	13	14	13	13	12	12	14	13	12	12	11	10
31	12	11	11	14	11	8	6	6	5	3	2	2	1	1	1	1	1	1	2	5	7	8	8	8	6
MEAN	9	9	7	7	6	9	12	13	10	9	8	8	7	7	8	8	8	7	8	9	9	10	11	10	8.6

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	10	10	11	5	8	13	18	22	15	7	5	5	3	5	8	9	10	27	25	14	14	21	19	12
2	20	21	19	16	16	17	19	29	21	14	13	12	13	14	14	13	12	11	9	9	8	8	8	10	14
3	8	6	6	4	4	5	10	14	15	11	11	9	7	8	8	10	17	13	16	20	30	41	43	30	14
4	31	35	31	9	10	16	38	55	26	23	19	13	12	11	11	13	15	15	13	11	10	9	8	8	18
5	7	6	5	5	5	5	10	16	16	12	10	10	11	11	10	11	17	12	10	11	12	11	8	9	10
6	7	6	5	2	3	3	4	6	6	6	6	7	7	7	7	8	8	9	10	9	8	8	8	9	7
7	8	8	6	3	2	2	2	3	2	3	4	5	7	6	2	4	4	8	9	8	6	6	6	6	5
8	5	2	2	2	2	1	3	5	5	2	2	3	2	3	3	5	6	7	7	8	9	9	10	11	5
9	7	5	3	5	4	5	10	13	14	14	12	13	13	14	15	18	23	25	17	13	10	11	18	22	13
10	17	9	6	7	5	5	9	12	15	8	8	8	6	7	7	7	9	8	8	9	10	8	9	7	9
11	5	7	5	4	4	5	9	14	15	12	7	6	9	8	8	10	12	12	12	11	12	11	9	10	9
12	10	9	7	7	5	6	10	20	16	11	9	6	6	7	8	9	11	13	10	10	8	7	7	7	9
13	7	6	5	3	3	2	3	4	5	5	5	5	7	6	6	6	6	8	8	8	9	6	6	6	6
14	5	5	4	3	3	3	4	5	5	5	5	5	4	4	5	5	8	11	11	11	10	9	7	6	6
15	5	5	5	5	5	8	11	17	21	16	12	9	9	8	10	10	12	13	17	18	17	23	24	17	12
16	21	20	16	10	10	11	16	21	21	15	10	9	8	9	9	10	14	14	13	10	10	9	8	8	13
17	8	8	8	8	8	7	10	14	17	12	12	13	12	12	12	13	13	13	12	8	8	9	7	5	10
18	5	6	4	5	5	5	7	10	13	8	9	7	6	7	9	10	12	13	9	9	8	8	8	8	8
19	5	5	5	4	4	5	6	10	14	10	9	7	7	6	6	7	9	10	8	8	6	6	6	6	7
20	6	6	5	5	5	5	5	4	4	2	4	3	3	3	3	4	3	7	9	9	9	8	8	8	5
21	7	8	6	3	2	2	1	1	2	2	3	3	3	5	5	6	8	5	3	5	5	4	4	3	4
22	3	2	2	2	1	2	5	7	9	9	9	9	8	9	11	10	10	9	6	5	5	5	4	6	6
23	3	2	2	2	2	2	4	7	9	8	7	7	6	7	7	7	10	9	6	6	6	6	7	6	6
24	6	5	3	2	2	2	6	9	12	11	9	10	7	8	9	11	13	16	11	15	11	11	9	8	9
25	6	5	5	4	4	5	9	14	19	18	19	21	-	13	13	17	20	21	18	20	18	23	22	35	15
26	30	8	5	3	2	2	5	7	7	7	7	8	8	8	10	11	10	7	7	8	8	8	7	8	8
27	6	6	6	2	2	2	4	5	3	3	3	3	4	4	5	5	6	6	5	6	6	5	5	4	4
28	6	5	5	4	2	2	2	2	2	2	2	3	4	4	3	3	3	4	4	4	3	2	3	3	3
29	2	2	2	1	1	2	3	6	7	7	7	6	5	6	6	6	9	9	6	6	5	5	5	5	5
30	5	4	2	2	3	3	6	8	9	9	7	6	6	6	6	8	10	11	8	8	6	6	7	6	6
MEAN	9	8	7	5	4	5	8	12	12	9	8	8	7	7	8	9	11	11	10	10	10	10	10	10	8.6

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	6	3	3	3	7	14	20	-	14	11	16	13	15	17	16	11	8	8	9	10	8	9	10
2	6	8	6	5	3	5	8	13	12	9	3	2	3	2	2	4	9	10	11	9	8	7	5	6	7
3	5	5	5	4	5	6	6	16	35	26	21	14	14	13	11	11	21	18	12	12	12	12	11	10	13
4	9	8	6	6	8	9	11	13	13	19	19	13	8	11	14	14	13	13	11	11	10	10	9	8	11
5	7	8	6	5	5	5	5	5	5	6	6	6	7	9	9	12	13	12	16	14	15	11	13	13	9
6	13	15	14	10	10	8	14	25	34	33	29	31	22	32	39	40	40	17	15	20	12	8	8	9	21
7	10	9	7	8	8	8	11	7	5	5	5	5	2	1	2	3	4	6	7	6	7	8	4	6	6
8	2	1	1	1	1	2	3	7	10	8	4	7	16	16	11	13	15	11	8	10	10	8	7	7	7
9	5	4	3	2	3	3	6	12	12	10	12	12	12	-	14	17	17	19	23	16	14	16	19	26	12
10	26	30	26	26	15	6	8	10	10	7	6	7	6	8	8	8	8	8	6	6	5	6	5	3	11
11	3	2	2	1	1	2	2	5	6	6	6	8	7	8	10	10	11	12	11	9	9	8	8	7	6
12	9	9	9	7	7	7	6	6	6	7	8	8	10	9	10	9	9	10	9	7	5	4	3	3	7
13	2	1	1	1	1	2	5	8	10	9	3	2	3	5	6	7	14	15	11	12	13	15	12	11	7
14	12	8	7	6	6	6	8	11	10	8	8	8	8	8	7	8	9	7	6	5	5	5	5	5	7
15	5	5	5	5	5	5	8	12	16	15	12	11	11	13	13	16	17	24	38	37	34	60	43	91	21
16	86	66	44	43	38	29	36	47	39	34	24	18	23	18	29	18	23	24	26	20	19	16	12	11	31
17	-	-	-	-	-	-	-	-	-	-	-	-	12	11	10	10	10	10	8	8	9	10	7	6	*****
18	8	9	6	5	3	1	4	5	6	7	4	2	2	2	2	4	12	9	12	15	13	11	10	12	7
19	15	18	23	33	21	18	15	14	11	10	10	8	10	10	9	9	11	15	16	22	33	37	28	26	17
20	32	31	24	20	21	14	9	13	13	10	11	11	12	8	7	6	7	7	4	4	4	2	2	2	11
21	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	4	4	6	9	9	8	6	6	6	4
22	6	4	3	3	2	2	5	8	10	11	7	7	9	11	10	12	14	11	9	8	9	8	7	8	8
23	6	5	5	5	3	4	7	8	10	8	8	9	9	10	11	6	4	5	9	9	7	7	6	6	7
24	5	5	4	3	3	2	5	6	8	9	10	11	11	9	9	12	11	11	12	11	11	10	9	9	8
25	9	9	7	6	6	5	5	5	5	5	7	7	5	6	7	7	8	8	8	9	9	10	9	7	7
26	6	3	2	2	3	3	4	5	5	4	6	7	5	5	5	3	6	6	7	4	3	3	3	1	4
27	2	3	3	3	2	2	4	4	4	4	5	6	6	6	6	7	8	6	5	7	7	7	8	10	5
28	8	7	7	7	4	4	6	8	8	11	9	8	11	10	9	10	12	12	10	12	15	17	14	13	10
29	11	8	6	4	4	4	6	8	12	10	9	7	7	9	9	9	9	9	7	7	6	6	6	7	8
30	6	7	8	8	7	6	8	14	15	13	13	13	12	12	13	19	20	18	17	15	13	11	10	9	12
31	7	7	6	4	3	3	3	6	6	7	7	9	8	8	7	6	7	6	7	7	6	6	6	4	6
MEAN	11	10	8	8	7	6	8	11	12	11	10	9	9	10	10	11	12	11	12	11	11	11	10	11	10.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.1	10	36
FEB	29	5.2	12	27
MAR	31	5.5	13	33
APR	30	4.2	13	23
MAY	31	5.5	13	28
JUN	30	6.1	15	34
JUL	31	4.7	12	22
AUG	31	6.3	17	35
SEP	29	6.9	14	35
OCT	31	8.6	22	71
NOV	30	8.6	18	55
DEC	30	10.0	31	91
YEAR	364	6.5	31	91

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	402	255	78	5	1	0	0	741
FEB	450	177	61	5	0	0	0	693
MAR	467	204	63	7	1	0	0	742
APR	537	144	34	3	0	0	0	718
MAY	448	209	74	7	0	0	0	738
JUN	411	213	63	15	2	0	0	704
JUL	511	172	53	2	0	0	0	738
AUG	391	248	74	23	3	0	0	739
SEP	325	228	135	14	1	0	0	703
OCT	306	229	159	25	13	5	2	739
NOV	227	315	144	25	5	2	1	719
DEC	186	318	172	26	20	4	4	730
YEAR	4661	2712	1110	157	46	11	7	8704

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALUED	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.1	0	1.1	2.8	4.7	7.1	11.8	15.4	21.5	27.0	91	6.5

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - D.D1 PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	2	2	2	2	1	1	1	2	2	2	4	4	4	4	4	5	6	7	3
2	8	7	6	4	2	1	1	2	2	2	3	3	3	3	3	3	4	4	4	4	5	4	4	4	4
3	3	3	3	3	3	2	2	2	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
4	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	4	1
5	3	4	4	2	2	2	3	7	13	****	14	12	9	8	7	5	5	5	5	5	4	7	7	8	6
6	8	7	7	6	6	5	6	8	6	7	7	6	6	7	7	6	6	6	7	6	6	6	5	5	6
7	5	4	3	3	3	3	3	4	6	6	6	7	7	5	3	3	3	3	3	2	2	2	2	3	4
8	2	2	2	2	2	2	3	5	10	12	13	13	13	5	4	3	3	4	6	5	5	4	4	4	5
9	4	3	2	2	3	4	5	5	5	****	7	6	5	5	4	5	6	5	5	6	7	7	6	6	5
10	6	6	6	6	6	6	7	7	8	9	5	5	5	5	4	4	5	6	6	7	6	4	13	17	7
11	17	14	6	3	3	2	2	2	2	2	2	3	4	6	4	3	3	3	3	3	4	4	5	4	4
12	3	3	3	3	2	2	2	4	8	9	10	11	12	9	7	7	9	11	8	4	3	3	2	2	6
13	2	2	2	2	3	3	4	6	8	8	8	8	8	6	9	9	11	8	5	4	5	5	4	4	6
14	3	3	3	1	1	1	3	3	3	3	4	2	2	2	2	2	3	3	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	4	6	6	5	4	3	3	4	4	9	5	3	3	3	2	3	4	4
16	4	4	4	3	3	2	2	3	4	****	3	4	4	4	3	3	3	3	2	2	2	3	2	3	3
17	2	2	1	2	2	2	2	3	3	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	3
18	4	3	3	3	3	3	3	3	4	4	4	4	5	6	5	6	5	6	6	8	9	7	8	10	5
19	10	7	6	5	3	2	2	3	4	5	4	4	4	4	4	4	4	4	4	3	3	3	2	2	4
20	3	3	3	3	2	2	2	4	4	5	5	5	3	3	3	3	4	4	4	3	3	3	3	4	3
21	3	3	4	3	3	4	5	5	5	5	6	6	5	5	4	5	6	6	6	6	2	2	2	2	4
22	2	1	1	1	1	1	2	4	3	3	3	3	3	3	3	4	5	5	6	5	3	4	3	3	3
23	3	2	2	3	3	3	4	5	19	27	30	30	23	22	17	13	12	11	9	6	7	6	6	4	11
24	4	4	4	4	3	4	4	4	4	4	5	5	6	6	6	6	6	6	7	5	6	7	12	18	6
25	23	22	12	9	7	13	12	11	8	7	7	6	4	4	4	4	3	3	3	3	3	3	2	3	7
26	3	3	3	4	4	5	4	5	7	8	7	6	6	8	-	12	12	14	10	7	5	5	4	4	6
27	3	3	2	2	2	2	3	5	7	8	6	6	6	7	8	8	9	10	10	9	8	7	6	6	6
28	5	4	3	3	2	3	4	7	9	10	6	5	8	6	6	6	5	6	5	4	4	4	4	4	5
29	4	4	4	5	4	4	4	6	5	3	3	3	2	2	3	2	4	3	3	3	3	3	3	4	4
30	4	4	3	3	3	3	3	8	11	12	10	9	8	7	5	5	5	6	6	6	4	5	5	7	6
31	5	14	12	9	14	21	9	6	7	11	5	5	4	3	3	3	3	3	3	3	3	2	2	2	6
MEAN	5	5	4	3	3	4	4	5	6	7	6	6	6	5	5	5	5	5	5	4	4	4	4	5	4.8

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 310D1 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - FEB 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	3	2	1	1	1	1	1	2
2	1	1	1	1	1	1	2	3	5	3	2	2	3	3	3	2	2	3	4	3	3	2	2	2	2
3	2	2	2	3	2	2	3	3	6	9	7	6	6	6	5	7	7	8	4	4	7	7	7	5	5
4	4	4	4	4	5	5	5	5	4	4	3	3	4	3	3	3	3	4	5	6	5	8	8	7	5
5	6	9	7	5	5	5	7	13	16	13	10	7	8	9	9	9	10	9	9	9	9	11	16	15	9
6	13	10	9	8	7	6	6	7	8	9	7	6	***	4	3	3	4	4	4	4	4	4	3	3	6
7	3	3	3	2	2	2	2	3	4	5	6	5	3	3	5	5	3	3	3	3	3	4	4	3	3
8	3	3	3	3	3	4	3	3	3	3	2	***	2	2	2	2	3	3	3	3	3	3	4	3	3
9	3	3	2	2	2	3	5	11	20	18	13	10	4	3	4	4	4	4	3	3	3	2	2	2	5
10	3	3	3	2	2	3	4	5	6	6	7	7	6	6	6	6	6	6	8	8	5	4	3	4	5
11	3	2	2	1	1	1	1	2	4	4	3	3	3	2	3	3	3	3	2	2	2	2	1	1	2
12	2	2	2	2	2	2	3	4	***	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3
13	2	2	2	2	2	4	6	4	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	3
14	2	2	2	2	2	2	2	3	3	3	3	3	5	3	4	3	3	4	4	4	3	3	3	3	3
15	3	3	3	3	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	2	1	3
16	1	1	1	1	1	1	2	3	5	6	6	5	10	11	8	7	7	7	4	3	3	2	2	2	4
17	2	2	2	2	2	2	5	7	5	4	3	3	5	4	4	5	5	6	6	7	7	4	4	4	4
18	3	4	3	3	2	2	3	4	5	5	5	5	5	6	8	9	11	13	9	11	9	5	4	2	6
19	2	2	1	1	1	1	2	3	3	6	5	4	3	3	3	3	4	4	5	5	4	3	3	3	3
20	2	2	2	2	2	2	3	4	7	9	8	6	5	4	4	4	4	5	6	7	6	5	4	5	5
21	11	12	11	10	9	9	6	6	6	6	6	6	6	8	9	9	10	10	10	9	8	11	11	7	9
22	6	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	2	3	3
23	2	3	2	2	2	2	2	4	9	7	7	7	7	7	5	5	5	4	4	3	3	3	5	4	4
24	3	4	4	4	4	4	5	9	10	8	9	8	7	8	8	8	8	10	11	13	10	15	15	8	8
25	13	14	18	11	9	7	8	9	17	16	11	***	***	***	***	8	8	8	9	10	11	11	8	8	11
26	8	8	7	6	14	10	8	19	34	19	22	7	10	15	12	16	22	16	11	10	8	7	5	13	13
27	4	6	9	4	3	4	5	9	10	5	3	3	3	5	6	8	11	14	12	7	6	4	4	3	6
28	4	6	9	5	2	1	1	1	2	3	2	2	2	3	3	4	4	4	4	5	4	4	4	5	4
29	5	5	4	3	3	3	5	7	6	5	6	10	9	5	3	3	3	3	4	4	4	4	4	3	5
MEAN	4	4	4	3	3	3	4	5	7	7	6	5	5	5	5	5	6	6	5	5	5	5	5	4	4.9

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 31D01 67 CDLLEGE ST FIFTH FLOOR TORONTO															MONTH - MAR 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	2	2	2	3	6	11	10	7	4	-	-	-	-	-	-	-	-	-	-	-	-	*****
2	3	2	3	3	3	2	3	5	6	6	5	5	6	6	5	6	6	5	4	4	5	5	5	6	5
3	6	3	3	2	2	3	3	4	5	8	6	7	7	6	6	6	6	6	6	5	5	5	5	6	5
4	8	12	13	12	10	7	6	11	12	9	7	-	5	6	7	7	7	6	5	4	4	4	5	5	7
5	5	4	4	4	6	8	11	18	43	22	11	9	6	10	5	4	4	5	3	3	3	3	2	2	8
6	2	2	2	2	3	3	4	3	4	3	3	2	3	2	2	3	3	3	4	5	7	7	4	3	3
7	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	4	4	2
8	3	2	1	1	1	1	2	5	8	7	6	3	3	3	3	3	4	4	5	6	6	6	9	8	4
9	6	6	11	4	3	3	4	5	5	5	4	4	4	4	5	5	6	6	6	7	10	11	12	11	6
10	10	11	12	12	11	11	10	11	9	9	9	9	8	9	11	12	10	10	9	11	5	5	4	4	9
11	3	4	4	2	2	3	4	6	7	4	4	3	4	4	4	5	5	5	7	10	9	10	12	13	6
12	10	9	6	2	2	3	3	4	5	4	5	5	****	****	****	6	8	9	8	7	7	8	8	7	6
13	5	3	3	3	3	2	3	3	3	4	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3
14	3	7	6	3	3	4	4	3	2	3	3	3	3	3	3	4	5	4	5	4	3	3	2	2	4
15	2	2	1	1	1	1	3	4	6	4	3	3	3	3	3	4	4	5	7	9	9	11	8	9	4
16	5	4	2	2	2	2	4	8	11	10	10	11	11	9	9	7	6	8	8	4	3	4	3	3	6
17	3	2	1	1	1	1	2	4	4	4	3	3	2	2	2	3	3	3	3	4	4	4	6	7	3
18	6	5	6	6	6	6	9	14	11	8	7	7	6	6	5	6	7	6	6	6	6	7	7	8	7
19	6	5	6	6	9	11	11	15	15	12	8	9	8	8	9	11	10	11	8	10	9	6	5	5	9
20	5	6	4	4	3	3	4	4	4	4	6	6	5	5	5	5	6	6	5	5	3	3	3	3	4
21	2	3	3	3	2	3	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2
22	3	2	2	3	3	4	5	6	9	7	11	11	8	7	6	5	5	5	6	5	5	6	6	6	6
23	5	4	4	4	5	6	4	6	10	9	9	9	6	6	6	6	7	7	7	7	7	5	4	4	6
24	4	4	3	3	3	4	5	8	9	9	7	6	5	5	5	5	5	6	5	4	4	3	5	4	5
25	3	2	2	2	2	3	4	8	13	8	3	3	2	3	2	2	3	3	3	5	5	5	9	8	4
26	8	8	6	5	4	5	6	7	7	8	5	5	5	6	6	6	8	9	9	18	22	23	21	21	10
27	16	14	14	28	19	10	6	4	4	4	5	5	5	4	4	5	4	4	3	2	2	2	2	3	7
28	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	5	6	8	7	10	15	3
29	13	10	7	5	4	2	2	4	4	5	4	4	5	4	4	4	5	6	5	5	4	4	4	3	5
30	3	3	2	2	2	2	3	4	5	5	5	5	4	4	-	-	-	-	-	-	-	-	-	-	*****
31	- DATA UNAVAILABLE -																								
MEAN	5	5	5	4	4	4	4	6	8	7	6	5	5	5	5	5	5	5	5	6	6	6	6	6	5.3

PERCENTAGE OF DATA VALID - 93.3

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 6.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 31D01 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - MAY 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA UNAVAILABLE -												
2													- DATA UNAVAILABLE -												
3													- DATA UNAVAILABLE -												
4													- DATA UNAVAILABLE -												
5													- DATA UNAVAILABLE -												
6													- DATA UNAVAILABLE -												
7													- DATA UNAVAILABLE -												
8													- DATA UNAVAILABLE -												
9													- DATA UNAVAILABLE -												
10													- DATA UNAVAILABLE -												
11													- DATA UNAVAILABLE -												
12													- DATA UNAVAILABLE -												
13													- DATA UNAVAILABLE -												
14													- DATA UNAVAILABLE -												
15													- DATA UNAVAILABLE -												
16													- DATA UNAVAILABLE -												
17													- DATA UNAVAILABLE -												
18													- DATA UNAVAILABLE -												
19													- DATA UNAVAILABLE -												
20													- DATA UNAVAILABLE -												
21	-	-	-	-	-	-	-	-	-	-	-	-	3	2	3	3	3	3	2	2	2	4	4	4	*****
22	3	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	3	3	3	4	2
23	4	3	3	2	2	3	2	2	2	1	2	1	2	3	3	3	1	1	1	2	2	2	2	2	2
24	2	2	1	1	2	3	2	1	1	1	3	4	3	3	2	3	2	3	5	8	6	9	7	7	3
25	4	4	5	6	5	8	10	10	6	2	3	3	4	4	3	5	5	6	7	6	4	5	5	5	5
26	4	2	3	3	3	5	9	11	13	-	-	4	4	6	7	7	6	7	5	4	6	8	7	7	6
27	6	9	7	5	4	4	5	6	10	13	12	7	6	6	6	6	6	6	5	5	4	4	8	8	7
28	6	5	14	21	13	11	12	14	10	-	7	7	7	6	7	9	6	5	6	6	5	5	7	7	9
29	7	11	10	7	6	7	5	5	5	6	6	5	4	4	4	4	4	4	4	4	5	9	11	6	6
30	13	8	5	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	4	3	3	3	4	4
31	3	2	3	5	5	7	10	11	10	6	5	7	-	-	5	9	10	9	9	10	16	14	17	13	8
MEAN	5	5	5	6	5	5	6	7	6	4	5	4	4	4	4	5	4	4	4	5	5	6	7	7	5.0



POLLUTANT - NITROGEN DIXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
HOUR DAY	STATION - C NO 310D1 67 COLLEGE ST FIFTH FLODR TORONTO													MONTH - JUN 76											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	3	2	2	3	6	7	7	6	5	6	8	9	12	9	10	9	9	12	9	8	7	14	7
2	19	16	13	11	7	7	14	12	4	3	3	3	4	5	5	5	5	4	4	5	8	10	12	15	8
3	27	16	17	9	8	9	40	45	27	17	15	12	10	9	7	6	5	4	5	5	8	16	27	29	16
4	11	9	10	5	6	6	13	-	5	3	3	4	3	3	3	3	4	4	4	5	5	8	11	9	6
5	11	14	21	10	6	5	6	7	7	4	4	4	4	4	3	3	3	4	3	3	6	14	19	21	8
6	26	29	25	18	7	5	4	5	4	4	2	2	21	31	15	12	3	3	3	3	4	4	3	3	10
7	2	2	3	2	2	3	7	4	3	3	3	3	2	2	3	4	3	2	2	3	4	7	9	6	4
8	8	6	6	4	4	3	7	9	11	16	10	9	7	7	5	6	6	3	4	4	4	7	5	15	7
9	18	21	6	4	2	4	5	10	22	13	-	7	6	6	5	7	6	6	5	6	10	14	16	12	9
10	10	6	5	4	4	4	8	15	14	10	7	5	4	5	6	7	8	2	4	4	7	8	6	5	7
11	4	3	3	3	3	6	11	10	15	9	8	5	4	3	2	3	3	2	3	3	3	3	5	3	5
12	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	3	3
13	4	2	2	1	2	2	2	3	3	4	4	4	3	4	3	3	3	7	10	11	5	5	9	3	4
14	2	3	2	2	3	5	11	14	9	5	5	5	5	5	5	6	6	6	5	4	7	10	9	6	6
15	8	7	5	5	5	6	7	12	11	11	6	5	5	5	5	4	4	3	4	4	3	2	2	2	6
16	2	2	2	2	3	3	5	7	11	7	4	5	6	7	7	9	6	6	6	6	5	6	8	7	6
17	4	2	1	1	1	2	5	7	5	3	8	7	4	5	5	5	4	5	5	6	9	16	28	6	6
18	11	9	14	7	9	10	15	9	4	4	3	4	3	4	4	4	3	3	3	3	3	4	4	4	6
19	5	5	3	3	2	3	3	4	3	3	4	3	3	3	4	5	5	4	3	3	4	3	3	4	4
20	4	3	1	1	1	1	1	1	1	1	1	1	1	3	4	5	4	4	4	7	9	11	18	13	4
21	4	4	3	3	2	3	5	5	6	4	3	4	5	4	3	4	3	3	2	2	3	4	5	5	4
22	6	6	4	3	4	3	4	4	9	15	13	8	8	5	4	5	4	3	3	3	7	8	5	9	6
23	5	3	4	6	5	5	7	8	7	11	6	3	2	2	2	3	3	3	3	3	4	6	7	9	5
24	6	5	5	4	3	4	6	9	10	9	11	11	9	6	6	6	5	5	4	4	3	3	3	3	6
25	1	1	1	1	2	4	4	4	6	6	6	6	3	3	3	3	3	3	3	4	4	5	5	5	4
26	3	2	3	3	3	3	3	3	3	5	5	4	3	3	3	3	3	3	3	4	3	4	6	4	3
27	6	8	8	5	3	3	3	3	3	4	4	3	4	3	3	4	4	3	4	5	7	7	6	3	4
28	5	4	2	2	2	3	5	5	4	4	4	7	6	9	8	7	7	5	6	6	6	6	5	5	5
29	3	3	4	4	4	3	7	12	8	5	6	5	4	4	4	6	7	8	5	4	4	6	7	7	5
30	7	5	7	2	2	3	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	5	5	4
MEAN	8	7	6	4	4	4	7	8	8	7	5	5	5	6	5	5	5	4	4	5	5	7	8	9	5.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
HOUR DAY	STATION - C ND 310D1 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - JUL 76											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	3	2	3	3	3	3	4	4	4	4	4	5	5	4	3	3	3	3	5	4	3	3	
2	3	2	2	2	1	2	4	5	3	4	4	5	5	5	6	5	4	5	3	4	3	3	3	3	4
3	3	2	2	2	3	3	4	3	2	2	2	2	3	4	5	4	6	6	7	6	9	8	7	6	4
4	4	3	3	2	2	3	3	4	3	3	2	3	3	3	3	3	3	3	4	5	4	9	11	7	4
5	8	9	12	9	8	10	10	10	9	12	14	9	7	5	6	5	5	4	5	6	11	6	9	11	8
6	13	8	3	5	9	12	13	31	22	13	8	7	6	4	4	4	4	4	5	7	7	6	5	9	
7	6	5	5	5	6	7	9	9	8	6	5	5	5	5	5	4	5	6	7	11	9	8	6	8	
8	8	8	5	4	3	3	7	11	9	3	4	3	3	3	4	4	4	3	4	5	5	5	5	5	
9	5	5	3	3	3	4	8	9	5	7	9	8	-	5	5	4	6	6	5	5	4	4	5	7	
10	7	9	10	6	4	4	4	6	6	5	4	-	-	-	-	-	-	-	-	-	-	-	-	*****	
11	- DATA UNAVAILABLE -																								
12	-	-	-	-	-	-	-	2	1	1	2	2	7	7	8	10	10	6	2	1	2	2	-	-	*****
13	1	0	0	0	0	1	3	2	1	1	2	2	2	2	2	3	2	1	1	2	2	2	2	2	2
14	2	2	2	2	2	3	4	-	10	9	6	5	4	4	4	6	9	7	6	9	7	4	4	3	5
15	4	5	4	5	6	12	12	10	4	3	4	2	2	3	2	4	2	2	3	3	3	4	4	3	4
16	3	3	3	1	2	4	-	12	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	6	6	5	6	5	6	7	7	7	*****
20	5	4	4	3	3	4	6	6	6	5	6	6	5	5	7	7	7	8	6	6	4	6	6	5	5
21	5	3	2	2	3	3	4	7	5	4	3	3	4	4	4	6	6	5	4	6	12	20	13	7	6
22	8	8	3	2	2	3	4	4	4	4	3	3	3	3	4	4	4	4	3	5	4	3	3	3	4
23	3	2	2	3	4	6	10	14	10	7	-	9	10	8	7	7	6	6	6	7	11	7	6	7	7
24	8	9	6	1	1	1	2	1	2	2	2	2	1	1	1	1	1	2	2	2	3	4	4	4	3
25	4	4	3	3	2	2	3	4	2	3	3	3	3	3	3	3	3	4	5	6	3	4	4	4	3
26	8	10	13	13	7	8	9	10	7	6	5	3	4	4	5	5	4	3	3	3	3	4	4	4	6
27	4	5	4	6	1	3	10	4	3	3	4	6	4	5	5	6	3	2	2	4	5	6	5	4	4
28	2	2	1	2	2	2	5	10	5	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3	3
29	1	1	1	1	1	1	2	3	3	3	3	3	4	4	5	6	8	6	5	5	4	4	4	3	3
30	2	1	1	2	3	5	-	-	5	6	8	4	4	4	4	4	4	4	4	5	6	5	7	5	7
31	8	8	6	5	5	6	9	8	9	13	7	5	5	5	7	8	8	3	3	3	3	3	3	3	6
MEAN	5	5	4	4	3	4	6	8	6	5	5	4	4	4	5	5	5	4	4	5	5	6	5	5	4.8

PERCENTAGE OF DATA VALID - 83.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 16.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - AUG 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	1	1	1	1	1	D	D	0	D	0	1	1	1	1	1	1	2	2	2	4	4	4	4
2	1	1	1	1	1	2	1	1	1	1	2	3	3	3	3	2	3	2	2	2	4	4	5	8	2
3	5	6	5	3	3	4	6	8	9	9	6	4	3	2	2	3	3	2	2	2	2	3	4	4	4
4	3	2	3	2	2	5	7	6	7	5	3	3	4	2	3	3	4	3	2	3	3	4	3	3	4
5	3	3	2	3	3	2	3	5	5	4	4	4	3	3	4	4	4	4	3	4	3	2	2	2	3
6	1	1	1	0	1	1	2	4	3	3	2	2	3	3	4	4	5	4	4	4	6	7	9	14	4
7	13	5	4	3	2	3	3	3	4	2	3	3	3	3	3	3	4	4	4	4	7	5	5	6	4
8	6	3	3	1	1	1	2	1	1	3	2	3	3	4	4	4	4	4	5	5	7	7	7	5	4
9	3	2	2	1	1	2	4	7	6	6	5	8	9	7	8	9	9	12	11	4	6	6	5	4	6
10	3	2	1	1	2	3	7	11	7	5	3	3	3	3	3	3	3	4	4	7	8	12	18	27	6
11	40	22	6	5	4	8	8	8	6	6	5	4	5	6	5	4	5	4	4	3	3	4	4	4	7
12	3	2	2	2	2	4	5	9	5	5	-	3	6	6	5	6	5	5	5	6	4	4	5	4	4
13	3	3	4	3	3	4	6	7	4	6	6	5	4	5	5	6	8	5	5	8	9	11	12	9	6
14	5	2	2	2	2	2	2	3	3	4	4	3	3	3	3	3	3	5	6	6	6	3	4	6	4
15	3	3	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	4	3	3	2
16	2	2	1	1	2	3	7	8	-	2	2	2	3	2	3	3	3	4	3	5	6	7	4	5	3
17	4	2	1	1	2	4	9	10	9	7	4	4	4	3	3	3	4	4	5	6	8	6	8	6	5
18	4	3	1	1	2	3	5	9	11	13	10	5	5	-	4	6	6	5	5	6	6	7	8	9	6
19	9	9	9	7	6	6	10	15	5	5	6	4	4	4	5	6	6	4	5	6	6	6	8	15	7
20	14	14	15	19	14	11	18	12	9	8	8	6	5	5	4	4	4	4	5	4	4	6	7	7	9
21	4	3	4	5	6	5	6	5	5	4	6	5	5	5	5	5	5	5	4	5	6	6	13	10	6
22	6	5	3	2	2	2	2	4	5	5	4	5	4	3	3	3	4	2	4	5	7	8	9	12	5
23	9	5	3	2	1	2	5	8	7	4	3	3	4	4	4	4	5	4	4	4	4	4	5	5	4
24	4	1	1	3	2	3	11	7	4	3	4	4	4	3	4	4	3	4	3	5	6	5	6	8	4
25	12	22	16	13	13	14	17	39	32	22	11	8	7	7	7	7	7	8	7	8	8	7	7	12	13
26	14	15	15	11	10	10	18	32	-	5	7	6	7	8	9	10	8	5	4	5	5	4	4	3	9
27	2	3	3	3	3	4	7	7	5	5	5	4	4	4	4	4	5	3	3	3	4	3	3	3	4
28	2	2	2	2	1	1	2	3	3	3	2	3	2	2	4	3	3	3	3	3	3	6	7	4	3
29	4	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
30	1	1	1	1	1	3	4	5	5	3	2	2	2	2	3	4	4	4	4	4	4	5	5	6	3
31	4	4	4	2	3	4	12	14	10	8	6	5	4	4	4	4	4	3	4	4	4	4	4	4	5
MEAN	6	5	4	3	3	4	6	8	6	5	4	4	4	4	4	4	4	4	4	5	5	5	6	7	4.8

PERCENTAGE OF DATA VALIO - 99.5

PERCENTAGE OF OATA INVALID - 0.0

PERCENTAGE OF OATA UNAVAILABLE - 0.5

NOTES 1. "\*\*\*\*\*" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 310D1 67 COLLEGE ST FIFTH FLDR TORONTO													MONTH - SEP 76												
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	4	3	5	7	13	12	6	5	5	5	6	6	5	4	4	5	5	4	5	5	5	5
2	4	3	2	2	2	4	9	10	9	7	6	4	4	4	4	3	3	3	3	4	4	4	6	4	5
3	3	7	14	18	22	23	36	30	8	4	4	3	3	4	5	5	5	5	5	4	3	3	3	3	9
4	2	2	1	1	2	2	3	3	3	2	2	3	4	4	2	2	2	3	2	4	4	4	3	3	3
5	2	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	2
6	3	3	3	2	2	3	3	4	4	2	2	2	2	2	2	2	3	4	3	5	6	7	7	7	3
7	6	7	6	7	4	5	9	11	11	8	7	6	3	4	4	3	2	3	4	4	4	3	3	4	5
8	4	6	7	10	8	6	20	29	24	11	16	8	7	6	7	9	10	8	4	6	6	5	10	9	10
9	5	4	3	2	2	3	5	7	5	5	5	3	3	4	5	5	4	4	4	5	9	13	13	14	6
10	7	2	1	1	1	1	4	4	3	3	2	2	2	2	2	2	2	1	2	3	2	2	2	1	2
11	1	1	1	1	1	1	1	2	3	1	1	3	3	2	2	2	2	3	5	7	8	10	7	12	3
12	11	8	10	14	11	12	13	11	14	6	6	4	4	4	6	3	2	2	4	4	6	8	11	12	8
13	8	8	7	6	5	4	5	6	9	10	9	5	6	5	5	5	5	3	4	5	6	7	8	9	6
14	9	5	4	4	4	9	13	12	17	13	11	8	6	6	5	5	5	6	7	7	5	3	3	7	7
15	3	4	6	8	10	8	11	17	7	5	12	9	6	5	6	6	7	5	7	7	7	8	11	10	8
16	4	1	1	1	1	2	3	6	4	4	7	4	3	3	4	5	5	5	5	7	7	7	7	6	4
17	3	2	1	1	2	3	4	7	5	3	3	4	5	4	5	6	6	6	7	10	9	7	6	8	5
18	6	6	4	4	2	1	2	2	3	3	3	3	2	3	4	3	3	4	5	7	10	5	4	4	4
19	4	2	2	1	1	1	2	3	3	3	3	4	4	3	1	1	1	2	3	4	8	9	7	6	3
20	4	2	2	3	2	4	7	5	6	6	-	4	3	3	4	4	4	3	3	3	3	2	3	3	4
21	2	1	1	1	1	4	7	9	10	5	6	4	4	3	3	3	8	10	10	8	4	4	4	3	5
22	2	3	1	2	1	3	5	6	5	2	3	3	2	2	2	2	2	3	3	3	3	6	6	6	3
23	7	6	3	3	2	2	4	5	5	4	5	3	3	2	2	2	3	3	3	4	4	5	3	2	4
24	1	1	1	1	2	5	10	11	8	5	3	2	2	2	4	5	6	4	4	6	6	5	9	6	5
25	8	9	8	5	5	6	7	7	7	9	6	5	6	4	4	4	2	3	4	4	5	7	6	6	6
26	7	7	8	7	5	3	3	3	3	4	3	3	5	4	4	7	7	7	6	6	5	5	4	4	5
27	3	3	3	3	3	3	6	9	9	6	5	5	5	6	8	8	11	7	9	14	6	5	3	3	6
28	3	1	1	1	2	3	4	6	5	4	3	2	4	4	4	5	5	6	6	7	9	9	6	7	4
29	6	5	4	4	4	5	12	10	10	6	6	3	3	3	3	3	2	3	4	10	11	8	7	6	6
30	8	5	3	2	3	6	11	12	16	3	3	3	4	4	5	6	5	5	5	6	7	8	11	13	6
MEAN	5	4	4	4	4	5	8	9	8	5	5	4	4	4	4	4	4	4	5	6	6	6	6	6	5.1

PERCENTAGE OF OATA VALIO - 99.9

PERCENTAGE OF OATA INVALID - 0.0

PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - OCT 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	19	15	6	5	5	9	13	8	5	6	6	5	5	12	12	9	9	8	16	16	12	21	31	12
2	36	33	16	13	16	20	28	18	10	18	9	8	7	6	6	6	13	22	35	36	34	34	31	47	21
3	50	43	34	15	25	3	3	3	4	3	3	3	2	1	1	2	2	3	4	5	7	10	19	18	11
4	12	14	14	8	6	7	12	12	8	5	4	4	4	4	3	3	4	5	5	5	8	8	5	5	7
5	6	7	8	8	8	7	13	21	11	7	6	7	7	5	5	5	5	5	5	7	6	7	6	3	7
6	2	2	1	1	2	4	8	14	8	7	5	7	9	8	10	7	6	5	5	3	3	2	2	2	5
7	1	1	1	1	1	3	4	4	5	5	4	4	4	4	5	7	8	7	8	8	7	7	6	5	5
8	5	4	4	4	2	4	7	11	10	8	7	-	8	6	6	5	7	6	7	7	7	5	8	7	6
9	7	5	4	3	3	3	4	4	4	4	5	4	4	4	5	5	4	5	3	3	3	3	3	5	4
10	4	3	2	1	1	1	2	3	1	1	1	1	1	1	1	1	2	2	3	6	7	6	6	5	3
11	5	4	5	4	4	8	13	7	6	5	3	2	2	2	2	2	2	3	4	4	4	4	4	3	4
12	4	6	4	4	5	7	15	17	7	6	6	5	5	6	6	5	5	5	4	4	5	5	5	4	6
13	2	2	2	3	3	5	10	16	-	-	3	3	3	3	4	3	3	3	3	3	3	4	4	3	4
14	1	1	1	1	1	3	4	5	4	3	2	-	-	-	2	3	3	3	5	6	6	7	13	7	4
15	5	4	4	3	3	4	8	12	8	6	5	5	4	3	3	4	4	4	3	4	3	3	3	3	5
16	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	7	6	5	5	4	6	8	4
17	9	6	7	4	4	3	2	2	3	3	2	2	3	3	4	3	5	3	4	6	5	4	4	4	4
18	4	3	2	3	3	5	9	12	10	5	4	3	3	3	3	3	4	4	4	4	4	4	4	5	5
19	6	5	3	2	2	4	8	12	8	7	6	6	6	6	6	7	8	7	6	6	5	7	7	5	6
20	4	4	4	5	6	7	7	8	8	-	8	7	7	8	8	10	10	10	10	9	7	6	7	5	7
21	3	3	2	1	0	2	3	4	5	4	2	2	2	2	2	3	4	6	6	6	5	4	3	4	3
22	3	3	0	1	1	1	3	4	5	4	4	2	3	3	3	4	4	4	5	4	3	4	3	3	3
23	3	3	3	3	3	3	3	5	7	7	4	3	2	2	2	3	3	5	7	9	9	9	19	20	6
24	11	5	4	3	3	3	3	3	3	3	3	3	4	6	6	4	6	6	7	6	6	6	6	4	5
25	3	3	2	2	2	2	5	7	11	11	10	9	6	6	7	7	7	7	8	7	7	7	9	6	6
26	5	5	5	4	3	3	7	11	10	7	7	4	4	4	5	6	6	6	7	7	7	8	9	8	6
27	7	5	4	3	3	5	8	13	13	9	5	5	4	4	4	5	5	7	7	7	6	9	10	9	7
28	6	5	5	5	5	5	9	10	9	8	8	6	4	5	5	6	7	8	8	8	6	6	6	5	6
29	5	4	3	3	4	4	7	-	12	8	8	7	5	5	6	11	11	11	11	9	8	8	7	8	7
30	9	9	8	8	9	7	9	9	9	12	13	8	9	11	15	14	18	17	15	15	10	8	12	11	11
31	14	14	13	11	8	7	5	4	4	3	3	3	4	4	4	4	3	5	5	5	4	8	8	8	6
MEAN	8	7	6	4	5	5	7	9	7	6	5	5	5	4	5	5	6	7	7	7	7	8	8	8	6.3

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - NOV 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	7	13	14	9	5	4	3	4	4	4	5	8	12	16	18	16	12	12	8
2	14	16	10	13	19	18	21	22	17	13	14	13	11	11	9	7	8	8	8	6	7	9	8	7	12
3	8	8	5	6	6	6	10	16	18	16	17	13	9	7	7	7	8	9	10	11	12	25	36	18	12
4	15	13	14	7	3	4	6	15	25	31	12	8	11	8	8	7	9	6	6	6	4	5	10	9	10
5	5	4	3	4	6	6	6	8	11	14	15	12	7	6	6	6	7	10	11	8	8	9	8	8	8
6	5	4	6	4	4	3	6	10	5	5	5	4	4	4	4	5	6	6	8	8	8	7	7	5	6
7	4	4	3	2	2	2	1	2	2	2	2	2	3	3	3	3	4	3	4	5	5	4	4	4	3
8	4	3	2	2	2	2	4	8	10	5	4	4	3	3	3	4	5	5	5	6	7	6	5	6	5
9	6	6	4	4	6	6	8	8	6	7	7	6	7	8	8	8	8	9	10	15	11	14	11	8	8
10	9	7	6	7	7	5	5	8	13	-	6	4	3	6	6	5	5	5	5	6	6	5	4	4	6
11	2	4	4	3	2	2	4	7	7	5	6	6	4	5	7	4	4	6	6	6	6	6	7	6	5
12	5	5	4	3	3	5	7	14	16	12	7	5	5	5	5	5	7	6	8	8	6	8	7	5	7
13	4	4	4	4	4	3	2	3	3	3	3	3	3	3	3	4	4	6	7	10	7	8	6	7	5
14	6	5	4	4	3	3	4	5	4	3	3	2	3	3	2	4	5	5	5	8	11	12	13	17	6
15	13	11	10	9	7	9	9	14	21	31	39	20	6	5	5	4	6	10	10	11	10	10	12	13	12
16	10	10	8	9	10	8	7	14	25	26	10	9	10	7	8	4	6	8	11	13	10	9	9	12	11
17	13	11	11	10	9	8	11	17	13	14	12	9	9	10	9	9	9	7	7	7	5	7	6	4	9
18	4	5	4	4	5	5	8	15	12	8	4	3	3	3	3	4	6	10	7	6	5	5	5	7	6
19	7	7	7	5	5	5	9	20	18	7	4	4	4	4	4	4	5	6	5	7	6	5	5	5	7
20	4	4	3	3	1	1	1	3	3	4	3	4	5	5	5	5	5	6	6	4	6	4	4	4	4
21	4	6	3	3	3	3	4	4	4	5	5	5	4	3	3	5	4	5	3	4	5	4	3	3	4
22	3	2	2	2	2	2	3	5	6	5	5	4	4	5	5	5	7	5	3	3	3	3	3	3	4
23	3	3	3	1	1	1	3	5	5	5	3	3	3	3	4	4	4	5	5	5	5	4	3	3	4
24	3	3	3	3	2	3	4	6	10	10	7	5	5	6	6	6	7	9	9	8	9	8	10	8	6
25	7	5	4	3	3	4	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	7	6	5	5	5	5	*****
27	5	4	4	4	3	3	3	3	3	5	4	5	4	4	4	4	4	4	4	4	4	4	3	4	4
28	5	5	4	4	4	3	3	3	2	3	3	3	4	3	3	3	3	3	3	3	2	3	3	2	3
29	2	2	2	2	2	2	2	4	5	4	4	4	3	4	4	4	4	5	5	6	5	5	4	5	4
30	4	4	3	3	3	4	6	9	8	8	5	5	5	5	6	5	6	7	5	5	4	6	4	4	5
MEAN	6	6	5	5	4	4	6	9	10	10	8	6	5	5	5	5	6	7	7	7	7	7	7	7	6.4

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.6

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001

67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	6	-	14	13	8	6	7	7	7	7	7	6	7	7	7	7	8	8	7
2	8	6	4	4	4	4	4	6	6	4	4	4	4	4	3	3	4	5	5	7	6	7	7	8	5
3	8	6	5	5	4	5	10	18	34	26	25	17	13	12	9	7	10	12	12	17	17	20	5	5	12
4	5	5	6	6	6	6	6	6	5	10	15	16	13	12	12	11	11	17	21	17	10	8	7	7	10
5	7	6	4	4	4	5	4	4	3	4	4	4	4	4	5	6	7	14	14	15	13	12	15	17	8
6	13	11	11	13	13	3	4	7	9	8	9	8	10	9	10	12	12	11	7	9	9	4	4	6	9
7	5	5	5	4	5	6	8	7	5	4	4	4	4	4	4	6	5	5	6	5	5	5	5	4	5
8	4	3	3	4	3	3	4	7	11	16	14	15	13	8	8	12	13	10	7	7	6	5	4	4	8
9	2	4	2	4	3	3	4	6	9	9	8	12	19	18	15	-	10	17	12	6	7	7	6	6	8
10	6	6	6	5	5	7	7	11	10	9	6	7	10	9	7	9	10	9	6	5	5	4	3	3	7
11	3	3	1	2	3	3	3	4	4	4	4	4	7	4	3	3	5	4	4	4	6	6	5	5	4
12	7	7	8	8	7	4	5	5	6	6	7	7	6	8	7	7	6	6	4	4	4	3	2	1	6
13	1	1	1	1	1	2	3	3	6	7	5	5	7	7	9	-	8	8	8	8	9	9	11	11	6
14	7	6	4	4	4	4	6	6	6	5	5	5	6	6	7	7	12	15	11	5	4	4	4	4	6
15	4	4	7	6	5	5	6	8	9	8	7	7	7	9	8	10	14	15	12	11	10	19	48	50	12
16	40	9	11	12	9	12	11	15	21	23	18	13	15	19	20	15	15	17	15	11	7	6	7	6	14
17	5	5	4	4	7	6	6	6	8	10	8	9	8	6	5	6	7	7	6	5	6	5	5	3	6
18	3	3	1	1	1	1	2	2	3	3	3	4	4	4	6	7	10	9	8	9	8	6	5	8	5
19	8	8	6	6	6	5	5	7	8	7	8	9	7	9	10	14	21	16	17	21	28	33	21	16	12
20	17	9	9	8	5	5	6	10	14	17	15	17	8	-	4	4	4	4	3	3	3	3	3	3	8
21	1	2	1	1	1	1	2	3	4	4	4	4	2	2	2	3	3	3	4	4	5	5	4	4	3
22	4	3	3	3	2	2	2	5	12	9	7	5	4	6	7	7	6	5	4	4	4	4	4	4	5
23	6	6	5	4	3	5	6	7	9	4	4	4	4	4	3	6	8	8	7	5	4	2	2	3	5
24	3	3	3	2	3	3	4	8	9	6	5	4	5	7	7	5	5	4	4	4	3	4	4	6	5
25	5	5	5	5	5	6	6	5	4	4	4	4	5	6	6	6	5	7	9	9	7	5	6	6	6
26	6	3	2	1	2	2	2	6	5	3	4	4	4	4	4	4	4	4	5	5	3	3	3	2	4
27	3	3	3	1	1	2	2	3	4	5	6	6	4	6	6	6	5	5	4	8	12	17	13	10	6
28	9	6	3	3	4	3	5	5	7	8	8	9	8	8	10	12	12	11	10	9	8	8	10	8	8
29	11	10	8	7	9	7	4	5	6	7	7	6	5	4	4	4	5	5	4	4	4	4	4	4	6
30	4	4	4	4	4	4	6	8	9	10	9	8	5	5	5	5	5	7	11	8	9	10	10	8	7
31	7	7	6	5	4	4	4	5	5	5	7	4	6	9	9	7	9	7	6	6	5	5	6	7	6
MEAN	7	5	5	5	4	4	5	7	9	8	8	7	7	7	7	7	8	9	8	8	8	8	8	8	6.9

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31D01 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.8	11	30
FEB	29	4.9	13	34
MAR	28	5.3	10	43
APR		DATA UNAVAILABLE		
MAY	10	5.0	9	21
JUN	30	5.8	16	45
JUL	24	4.8	9	31
AUG	31	4.8	13	40
SEP	30	5.1	10	36
OCT	31	6.3	21	50
NOV	28	6.4	12	39
DEC	31	6.9	14	50
YEAR	303	5.5	21	50

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	526	171	35	8	0	0	0	740
FEB	483	159	44	2	1	0	0	689
MAR	441	199	47	6	0	1	0	694
APR		DATA UNAVAILABLE						
MAY	160	69	17	1	0	0	0	247
JUN	463	180	59	13	2	1	0	718
JUL	429	164	23	1	1	0	0	618
AUG	545	148	39	4	4	0	0	740
SEP	478	194	41	5	1	0	0	719
OCT	421	234	63	6	9	3	0	736
NOV	380	223	73	7	4	0	0	687
DEC	347	287	92	9	3	2	0	740
YEAR	4673	2028	533	62	25	7	0	7328

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

90.9

0

1.5

2.8

3.9

5.6

9.4

12.2

16.8

21.3

50

5.5



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, 5 SCARBOROUGH													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	23	28	30	24	15	11	13	12	13	15	18	23	28	28	30	40	33	30	33	36	38	42	41	26
2	34	21	18	13	13	14	21	19	49	20	8	***	5	5	5	5	5	7	7	9	11	13	14	13	14
3	12	12	10	9	13	13	17	12	9	13	9	8	8	7	7	8	8	8	8	7	7	7	6	6	9
4	5	6	6	5	7	11	12	17	17	21	25	30	33	34	31	31	42	38	33	34	40	47	36	36	25
5	26	19	16	14	15	21	42	75	81	47	34	33	23	16	14	13	14	14	17	16	15	15	15	16	25
6	17	16	15	15	14	14	17	20	20	17	17	15	***	13	12	11	11	15	17	14	15	16	16	16	15
7	15	13	12	11	11	10	11	13	16	16	17	18	28	36	33	33	39	32	25	23	17	18	18	20	20
8	19	16	17	16	19	21	42	80	79	64	58	29	24	17	15	13	9	11	14	12	13	14	16	15	26
9	10	10	11	13	10	10	11	15	14	13	11	9	8	7	8	***	7	9	9	10	11	15	15	15	11
10	15	17	18	16	16	18	16	19	27	28	19	15	12	12	13	11	11	15	19	25	25	33	63	58	22
11	46	36	31	27	14	13	9	10	17	21	25	24	23	19	18	15	14	13	20	18	21	23	25	24	21
12	20	16	15	15	16	18	27	52	59	59	52	38	24	21	26	24	22	25	28	61	53	24	15	10	30
13	10	11	12	12	12	13	15	18	22	22	22	19	17	-	16	18	21	35	17	23	22	20	17	15	18
14	14	14	14	11	14	17	19	14	25	15	14	14	18	11	9	8	7	7	9	7	6	16	21	13	
15	14	5	4	6	8	8	32	45	32	36	31	31	35	25	***	14	14	17	55	27	33	51	39	16	25
16	11	11	10	9	9	9	9	9	11	11	11	12	25	27	28	33	40	40	34	28	17	22	22	26	19
17	21	17	13	10	10	10	15	25	28	26	35	38	38	37	40	40	45	46	41	49	37	26	21	24	29
18	21	17	15	11	10	9	10	15	15	20	27	30	34	38	36	17	18	22	24	24	21	19	16	21	20
19	23	16	15	14	13	13	13	15	18	13	11	9	8	***	9	10	11	13	13	15	13	11	11	11	13
20	11	11	11	13	15	15	15	15	14	13	12	12	12	12	11	25	35	23	34	25	23	16	14	15	17
21	14	14	15	15	14	11	11	15	15	12	11	10	***	***	21	13	18	19	21	32	21	19	18	16	16
22	12	11	12	14	13	16	31	51	47	39	32	31	33	29	32	42	51	52	42	33	30	26	26	24	30
23	22	16	15	14	15	18	35	58	64	56	48	***	51	51	48	46	40	35	31	30	27	25	26	28	35
24	29	28	20	13	16	17	20	28	32	34	32	35	38	42	47	44	38	40	45	53	56	45	47	55	36
25	51	52	58	36	30	32	30	36	29	32	34	40	25	27	28	17	26	20	15	10	8	7	8	10	28
26	11	14	14	16	17	19	19	21	24	22	21	22	24	24	30	32	-	58	69	47	40	33	32	25	28
27	20	16	13	12	13	16	23	44	59	36	41	49	48	55	51	53	65	75	70	63	55	54	51	45	43
28	39	29	23	21	20	20	28	40	17	15	10	7	7	7	8	***	13	12	12	11	10	14	12	13	17
29	12	14	16	18	17	19	20	32	44	36	31	28	30	27	***	40	51	53	52	53	51	48	45	45	34
30	48	46	36	29	30	31	40	67	81	72	61	58	62	60	63	67	72	74	73	68	70	64	59	68	58
31	61	46	75	68	53	48	62	70	88	62	41	33	23	21	18	20	24	26	24	26	26	24	19	15	41
MEAN	22	19	19	17	16	17	22	31	34	29	26	25	25	25	24	25	27	29	29	29	27	26	25	25	24.7

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	11	11	14	13	15	20	19	21	24	26	26	27	26	24	22	23	30	31	26	23	24	25	25	22
2	23	20	17	15	12	13	22	40	52	51	43	35	29	24	18	28	18	8	8	8	10	11	9	6	22
3	7	7	10	14	20	23	25	28	30	30	24	17	22	9	10	15	19	19	21	26	19	20	23	26	19
4	26	23	21	22	22	22	21	21	24	27	28	17	27	***	38	43	53	59	70	66	56	38	37	52	35
5	65	53	55	52	47	42	50	77	84	75	68	62	59	56	50	54	59	68	58	35	51	63	63	59	59
6	55	48	45	48	48	43	48	73	87	70	60	55	27	35	49	57	42	32	21	21	27	23	18	12	44
7	13	12	18	16	19	23	28	39	48	49	34	30	29	24	17	11	13	15	12	9	6	5	6	6	20
8	7	13	17	14	12	19	26	28	29	32	33	29	30	30	35	37	35	39	38	41	43	43	46	45	30
9	36	32	30	32	31	36	46	83	80	63	52	41	***	15	16	14	13	12	13	14	15	18	20	18	32
10	14	12	12	12	13	13	12	15	19	18	17	17	16	16	18	17	18	19	22	21	21	24	37	25	18
11	26	20	17	16	14	16	24	45	52	45	39	23	12	12	11	***	***	35	28	23	24	22	23	29	25
12	17	11	9	11	14	14	19	28	26	17	14	12	11	11	12	12	12	13	12	12	13	14	13	13	14
13	12	12	12	12	13	14	15	31	66	47	34	34	31	32	37	44	50	46	42	40	32	29	22	24	30
14	25	26	24	18	15	19	21	20	54	41	28	27	28	26	12	10	11	10	10	16	18	16	18	19	21
15	17	17	17	13	10	9	8	10	9	11	11	13	15	17	17	16	16	16	18	17	18	25	23	19	15
16	15	13	13	14	15	15	25	27	38	50	55	***	49	49	54	15	19	12	10	9	9	7	11	11	23
17	12	10	9	8	8	15	37	51	39	29	29	32	36	35	23	48	62	69	46	35	50	31	13	13	31
18	13	13	13	12	12	12	11	10	10	10	9	10	10	***	12	12	17	16	14	17	21	15	12	10	13
19	9	8	8	8	8	8	8	10	10	10	9	9	9	11	18	20	38	35	24	32	30	26	29	28	17
20	20	17	16	19	18	20	45	75	70	51	43	30	22	***	***	49	58	36	20	21	20	19	17	19	32
21	22	20	45	24	21	20	20	25	25	25	12	12	12	13	14	21	50	42	32	44	35	24	21	25	
22	23	23	17	11	7	6	6	8	8	9	11	11	15	17	18	20	20	19	19	17	17	19	21	19	15
23	16	11	10	11	11	15	34	67	58	44	36	24	15	***	8	7	7	6	8	6	7	5	7	18	
24	8	9	8	7	7	7	8	10	10	9	9	9	9	10	11	13	13	11	11	14	22	26	21	36	12
25	31	23	17	16	16	15	18	22	25	18	13	10	***	32	13	14	15	15	14	18	15	15	13	14	17
26	21	29	30	27	26	18	51	96	88	36	18	16	17	17	19	23	31	31	24	46	26	28	40	35	33
27	31	17	12	10	10	8	26	58	59	40	35	35	37	41	49	60	59	58	33	35	28	9	7	7	32
28	8	20	9	16	13	11	13	19	19	20	23	27	31	27	12	30	9	7	7	11	14	12	12	10	16
29	9	9	8	8	8	8	10	9	11	12	13	15	15	21	32	29	34	32	32	31	31	34	39	31	20
MEAN	21	19	18	17	17	17	24	36	40	33	29	24	24	24	23	26	28	28	24	24	24	23	22	22	24.5

## UNITS - 0.01 PARTS/MILLION

MONTH - MAR 76

PERCENTAGE OF DATA UNAVAILABLE - 5.1

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## UNITS - 0.01 PARTS/MILLION

MONTH - APR 76

PERCENTAGE OF DATA UNAVAILABLE - 53.8

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 33002					PHARMACY AND 401, 5CARBOROUGH										MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1																												
2																												
3	-	-	-	-	-	-	-	-	-	-	-	-	-	16	14	18	16	17	16	17	14	14	8	10	*****			
4	6	4	3	6	10	30	41	31	19	12	15	12	9	6	6	10	5	5	3	3	-	4	3	3	11			
5	3	-	3	3	3	3	6	6	5	6	5	5	4	4	3	3	3	3	3	3	3	9	7	4				
6	9	18	7	7	9	-	-	-	-	-	-	-	-	-	44	37	37	32	16	22	28	23	16	18	*****			
7	20	10	5	7	8	21	40	38	26	33	33	31	36	39	43	37	38	44	43	35	21	23	19	24	28			
8	19	11	7	8	7	13	17	22	21	19	21	17	14	14	10	12	15	13	11	7	-	-	-	-	14			
9																												
10	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7	7	5	3	4	5	7	8	7	6	*****			
11	6	8	6	7	9	30	38	36	20	17	16	-	9	7	40	42	43	31	24	18	19	17	15	13	20			
12	8	6	6	6	11	38	44	45	34	27	29	23	31	-	39	44	33	18	22	20	11	9	8	9	23			
13	11	8	6	4	5	5	7	8	7	6	5	6	4	3	3	3	3	3	6	7	4	5	-	32	7			
14	12	7	6	6	5	8	15	14	12	12	12	9	7	7	8	6	40	50	45	47	46	37	40	40	20			
15	43	43	30	19	22	30	35	39	33	16	10	6	8	3	3	7	5	4	2	22	6	11	6	4	17			
16	3	1	2	1	-	1	1	1	1	2	2	3	2	6	19	11	7	4	4	16	33	21	10	7	7			
17	7	6	5	4	3	4	5	8	6	5	4	4	3	4	7	5	28	26	21	17	16	16	13	9	9			
18	7	6	6	6	8	32	48	45	35	28	34	26	-	32	23	34	32	29	17	24	25	23	23	16	24			
19	14	10	9	-	-	-	43	38	29	26	21	19	23	25	25	26	22	17	16	12	16	13	14	10	20			
20	11	6	6	3	5	26	26	50	-	24	20	-	33	20	24	38	35	37	40	51	53	54	12	26	27			
21	33	5	5	5	15	33	45	32	27	30	-	29	28	29	33	34	32	32	31	33	30	27	24	24	27			
22	20	13	11	11	11	20	24	23	23	23	23	-	24	22	23	20	22	24	25	22	18	4	3	4	18			
23	4	2	2	1	2	3	-	3	5	3	3	3	3	2	2	11	14	14	14	16	16	17	18	14	7			
24	10	7	6	6	8	11	12	13	14	24	28	31	29	30	34	4	6	6	21	33	33	31	30	28	19			
25	22	-	-	13	16	-	30	48	29	8	-	2	7	9	13	2	28	34	32	28	27	24	21	16	20			
26	12	8	7	9	16	41	59	51	11	12	15	16	-	13	26	26	28	34	26	33	37	32	39	27	25			
27	18	14	15	12	22	43	51	48	37	22	19	-	-	-	7	5	6	5	8	10	11	14	14	19	19			
28	22	28	22	38	48	26	25	23	11	6	4	4	5	4	5	5	6	8	11	10	7	9	9	6	14			
29	7	17	43	28	20	21	9	4	6	5	4	4	5	3	3	13	11	9	7	6	8	28	35	12	12			
30	16	16	11	13	14	13	13	11	8	7	7	6	15	10	12	10	9	8	10	16	12	10	14	10	11			
31	9	9	10	11	12	33	50	38	36	14	16	12	19	18	22	35	35	62	61	58	60	60	53	30	32			
MEAN	14	11	10	9	12	21	29	27	19	15	15	13	14	13	18	18	20	21	19	21	21	19	18	16	17.3			

PERCENTAGE OF DATA VALID - 82.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 18.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 33002					PHARMACY AND 401, SCARBOROUGH										MONTH - JUN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	23	20	16	14	22	37	65	61	58	52	54	33	42	26	13	14	19	20	15	23	22	51	92	81	36		
2	61	42	31	24	26	49	85	49	14	4	2	3	-	-	4	3	3	3	6	58	73	81	53	31			
3	36	31	23	28	39	73	99	85	60	50	39	31	-	-	12	7	7	8	7	11	23	91	79	56	41		
4	58	37	22	18	27	65	64	11	16	5	4	6	8	3	3	3	3	3	7	53	65	66	62	26			
5	58	44	28	29	32	43	48	49	32	3	4	3	4	3	2	3	5	3	4	6	18	50	71	63	25		
6	50	30	20	16	17	18	19	19	24	24	25	29	28	24	22	24	23	26	30	33	39	34	23	24	26		
7	15	7	8	11	9	37	74	56	39	39	36	32	32	36	41	42	40	40	38	34	28	27	29	27	32		
8	9	7	11	8	15	48	86	79	43	31	30	29	23	-	22	34	41	32	35	41	52	49	52	44	36		
9	34	21	18	15	22	48	62	66	49	37	24	11	10	10	8	9	10	8	9	10	13	24	60	42	26		
10	51	27	17	11	11	12	17	16	16	14	11	-	6	5	7	9	9	8	8	9	11	12	9	9	13		
11	9	8	7	9	9	25	16	36	19	13	14	11	14	30	33	30	30	34	39	29	33	33	30	27	22		
12	23	12	11	12	22	34	30	6	6	5	5	5	4	4	4	4	4	4	5	5	7	5	6	9	9		
13	6	15	3	2	2	3	3	4	5	5	6	6	5	5	5	6	6	9	9	10	8	9	13	9	6		
14	7	6	7	9	11	10	16	16	14	11	10	11	-	8	9	8	7	6	7	8	14	21	19	16	11		
15	9	9	11	8	7	9	16	15	11	11	7	6	5	5	6	6	6	6	8	6	5	5	5	5	8		
16	4	4	4	5	4	5	8	8	8	10	21	5	7	-	7	7	8	8	8	11	12	9	28	23	9		
17	15	8	7	9	15	41	66	62	47	34	-	16	7	18	23	27	13	9	11	8	13	20	83	65	27		
18	38	27	15	26	40	59	57	31	5	5	5	5	5	-	5	4	4	4	4	5	5	4	5	11	16		
19	7	5	4	5	9	8	7	6	5	5	7	6	6	7	7	6	8	25	24	24	21	25	28	30	12		
20	29	13	9	7	7	11	15	15	21	25	28	31	30	30	33	37	45	47	54	21	73	56	38	19	29		
21	13	8	7	10	25	57	50	10	6	-	9	6	-	-	-	9	8	10	10	12	26	42	38	32	19		
22	27	20	19	20	25	55	27	23	18	16	12	-	13	12	12	11	12	11	15	19	41	39	16	21			
23	25	32	22	19	21	46	76	63	27	13	10	10	9	10	8	9	9	10	8	10	9	47	40	32	24		
24	25	18	14	8	23	29	17	15	12	14	-	13	16	15	11	12	9	10	9	10	7	7	7	9	13		
25	15	13	13	12	16	41	59	48	32	37	27	16	30	33	28	29	31	33	35	21	12	11	10	10	26		
26	9	14	14	12	11	9	11	14	16	12	7	9	8	7	9	9	8	16	17	9	8	10	11	11	11		
27	12	12	15	12	12	16	14	15	16	23	25	28	22	7	7	7	7	7	6	8	11	8	8	8	13		
28	8	9	9	9	23	43	62	51	41	40	28	11	48	23	13	13	51	47	42	24	10	9	6	6	26		
29	5	11	16	11	16	37	27	62	41	26	13	8	7	8	20	24	36	32	40	81	34	29	66	47	29		
30	38	24	15	11	17	9	13	10	16	6	6	7	7	6	6	6	6	6	5	5	5	5	5	7	10		
MEAN	24	18	14	13	18	32	41	34	24	20	17	14	15	14	13	14	16	16	17	17	22	29	35	28	21.1		

PERCENTAGE OF DATA VALID - 97.8



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - JUL 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	5	4	4	5	5	5	4	5	22	18	22	22	21	27	32	19	7	7	6	6	5	11
2	4	4	4	4	4	6	7	8	13	7	7	7	-	17	29	34	36	35	36	35	29	24	22	18	17
3	16	12	8	7	7	9	14	26	28	28	31	30	21	28	29	32	36	42	40	37	31	28	30	30	25
4	25	17	12	9	10	13	16	13	17	19	19	9	6	6	6	6	6	8	9	10	23	45	35	27	15
5	17	15	12	14	24	48	67	45	43	26	17	28	29	44	34	15	10	11	13	20	57	45	45	41	30
6	32	18	15	18	40	28	20	14	12	15	15	12	13	11	8	13	11	34	29	45	47	20	21	11	21
7	22	19	18	21	22	30	59	45	42	20	16	11	13	-	8	9	19	16	27	32	17	19	21	29	23
8	21	14	11	9	8	7	31	56	47	41	41	37	35	35	37	38	39	39	34	34	37	37	36	34	32
9	27	22	20	17	20	48	69	63	56	39	35	31	36	27	8	8	8	9	9	9	9	11	12	21	26
10	28	20	20	16	16	12	16	11	11	10	8	8	7	8	9	8	9	10	11	11	9	10	10	25	13
11	17	13	13	8	12	18	22	21	21	20	22	20	13	15	20	22	24	25	27	28	32	33	32	27	21
12	14	11	11	11	12	24	38	33	32	29	30	33	34	34	35	36	38	38	30	25	20	19	19	15	26
13	11	10	9	9	10	22	39	32	27	-	26	26	26	27	31	31	31	28	26	24	23	22	20	18	23
14	15	12	9	10	11	38	51	44	34	35	47	46	44	-	16	13	6	6	8	6	22	26	6	9	22
15	7	18	17	19	28	38	18	9	5	3	4	3	2	4	5	4	4	4	5	5	5	5	7	30	10
16	21	21	15	27	36	60	35	18	20	26	33	45	41	49	47	41	42	37	38	29	26	21	20	18	32
17	15	13	9	8	7	14	22	25	25	21	18	18	11	7	3	7	8	5	11	23	20	11	6	7	13
18	13	9	6	3	3	5	6	6	7	7	8	6	7	9	12	13	15	18	15	6	7	11	12	9	9
19	11	4	7	6	3	19	9	17	11	9	7	9	7	7	9	10	9	10	13	12	12	12	13	9	10
20	8	8	7	7	9	9	10	11	13	13	12	11	10	12	13	11	13	11	12	20	10	10	26	24	12
21	19	13	12	12	19	36	56	48	37	32	19	5	5	5	5	6	6	4	4	5	38	46	42	29	21
22	18	13	7	7	11	5	7	4	4	2	1	1	2	2	2	6	3	3	2	2	3	6	3	4	5
23	9	2	5	6	16	36	10	9	6	7	7	9	12	11	12	17	14	11	11	18	22	14	14	36	13
24	36	23	14	13	14	18	21	23	25	26	26	25	26	23	24	25	24	21	21	21	22	21	25	25	23
25	23	16	9	8	12	16	21	20	17	19	19	20	24	18	3	3	13	13	34	41	28	12	15	29	18
26	43	29	21	22	16	14	14	10	7	5	5	5	-	-	7	11	8	9	10	10	9	7	7	13	13
27	9	10	8	11	14	30	45	55	46	35	35	29	35	33	39	42	43	37	37	43	47	48	49	30	34
28	20	10	12	13	18	41	69	39	5	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	4	4	4	4	6	9	12	10	*****
31	10	8	7	6	8	17	22	24	16	9	5	5	10	15	9	19	16	14	12	13	11	11	12	11	12
MEAN	18	13	11	11	14	23	28	25	22	18	18	18	19	19	17	17	18	18	19	20	22	20	20	20	18.7

PERCENTAGE OF DATA VALID - 92.3      PERCENTAGE OF DATA INVALID - 0.0      PERCENTAGE OF DATA UNAVAILABLE - 7.7

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	7	3	3	3	4	5	6	8	11	12	12	12	12	12	12	11	13	13	16	16	17	16	12	10
2	6	4	3	3	3	6	8	8	8	13	13	13	15	15	17	16	17	18	18	21	24	27	26	19	13
3	12	9	11	6	10	11	9	9	7	5	4	5	3	-	3	3	4	4	4	4	5	6	7	6	6
4	3	3	2	3	3	5	7	9	11	8	6	5	3	4	3	4	3	4	4	5	6	5	6	7	5
5	5	3	4	5	4	6	7	7	9	8	8	11	7	-	10	10	8	8	10	12	29	27	21	16	10
6	11	8	7	6	12	35	51	36	34	33	40	38	41	40	39	45	35	23	3	4	6	10	56	30	27
7	21	15	11	9	12	20	26	31	33	31	30	20	23	16	10	22	2	2	4	19	27	20	32	20	19
8	16	10	6	5	6	9	11	15	16	21	27	32	32	42	41	41	41	38	41	44	48	47	37	26	27
9	14	12	9	10	15	42	72	61	54	48	48	49	49	-	53	43	9	44	45	39	37	38	33	22	37
10	16	11	9	10	18	60	79	58	46	41	41	33	33	35	38	46	42	55	50	57	59	32	36	44	40
11	63	34	18	26	15	14	15	17	13	13	10	9	-	5	6	6	6	6	8	9	13	15	13	15	15
12	13	13	13	11	13	13	18	19	16	17	13	13	15	15	12	13	12	14	22	18	16	15	15	14	15
13	13	10	9	9	9	9	12	22	34	36	10	9	10	-	-	40	37	38	49	16	28	31	33	31	23
14	32	28	21	15	17	24	34	37	40	32	5	5	5	5	5	18	27	34	33	34	28	27	8	30	23
15	27	19	9	8	7	10	13	12	17	25	27	28	28	28	27	27	26	24	30	40	42	41	33	22	24
16	13	7	7	8	15	40	64	49	32	32	29	26	-	30	34	43	37	34	31	42	48	24	20	12	29
17	13	10	10	12	21	37	94	74	54	45	41	35	34	35	36	36	40	41	37	39	42	34	30	22	36
18	14	8	6	7	11	31	59	50	45	18	12	9	5	6	4	4	5	4	5	7	35	42	45	41	20
19	32	26	16	16	30	70	92	15	5	4	4	3	3	4	-	4	3	4	5	8	8	7	6	36	17
20	34	27	22	19	31	39	28	30	20	8	9	8	9	10	-	9	11	10	10	14	13	12	15	14	17
21	12	13	7	7	5	5	10	8	22	24	14	9	9	5	5	4	5	5	6	7	9	9	18	42	11
22	31	29	17	10	9	10	9	12	12	7	5	8	9	5	7	6	12	12	12	23	20	27	26	21	14
23	19	14	14	8	13	27	45	45	39	35	35	31	31	-	38	42	36	35	37	33	27	25	26	19	29
24	11	10	8	10	17	47	61	48	5	7	16	15	3	3	3	2	2	2	3	4	6	22	59	49	17
25	31	27	20	25	33	56	100	103	27	32	40	11	10	7	5	6	6	4	3	8	16	40	50	51	30
26	46	25	18	20	24	62	94	78	86	20	10	11	9	10	11	10	9	8	9	8	7	7	7	10	25
27	8	16	11	6	6	7	15	16	10	8	-	-	-	-	28	12	8	8	7	7	7	9	8	6	10
28	6	4	4	3	3	4	4	3	5	4	4	4	4	4	4	10	22	6	20	25	19	38	26	29	11
29	28	13	6	3	4	8	9	12	12	16	20	22	26	27	23	21	22	25	27	30	24	24	26	16	19
30	7	5	6	8	10	42	69	56	39	36	34	30	32	34	25	40	45	39	38	34	32	39	36	39	33
31	17	11	6	11	10	15	35	30	12	9	7	5	-	-	4	4	4	5	5	6	5	5	5	8	10
MEAN	19	14	10	10	13	25	37	31	25	21	19	17	17	17	19	19	17	18	19	20	23	23	25	23	20.1

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

HOUR DAY	STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH												MONTH - SEP 76												MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	18	12	8	8	9	33	27	60	42	46	43	41	39	-	39	21	48	44	34	33	34	35	34	22	32
2	13	8	7	9	12	35	58	55	44	40	34	26	29	17	-	3	3	3	4	7	12	14	17	17	20
3	60	43	29	42	38	74	60	25	4	3	3	3	3	-	4	5	5	5	6	7	5	5	5	4	19
4	4	2	2	2	2	4	5	5	5	8	5	3	3	10	8	12	13	23	34	32	20	18	21	22	11
5	12	8	5	2	2	4	9	12	17	18	21	19	19	18	20	21	21	26	27	31	29	32	27	17	20
6	16	12	9	7	6	16	25	18	17	19	26	24	26	21	24	20	5	26	50	47	47	40	34	27	23
7	16	9	12	10	8	8	12	18	15	6	6	7	6	-	7	6	9	20	31	8	5	6	8	25	11
8	25	17	19	8	23	60	89	70	50	28	8	3	2	3	3	3	3	3	4	4	6	38	34	22	22
9	-	-	9	9	6	11	11	17	7	5	5	4	-	5	7	6	6	5	7	11	34	28	29	12	12
10	13	5	4	4	6	11	5	13	19	31	25	20	28	28	32	32	25	31	29	19	17	10	7	1	17
11	1	1	1	1	2	2	6	7	20	24	29	28	32	32	31	24	20	28	48	47	26	17	15	13	19
12	25	50	46	35	20	17	12	10	9	5	4	6	4	3	18	19	20	21	13	9	31	26	16	16	18
13	15	9	5	5	4	8	12	19	20	12	6	5	4	2	3	3	3	3	6	6	4	4	5	7	7
14	6	4	5	11	8	9	17	19	20	24	17	13	6	-	6	6	7	8	11	12	11	11	10	6	11
15	7	13	11	8	8	33	85	66	39	37	29	31	35	38	-	49	48	21	10	12	30	39	33	25	31
16	9	10	9	9	10	35	68	40	8	6	19	18	6	6	5	4	12	11	21	31	41	40	29	23	20
17	14	8	6	8	14	31	49	44	40	36	-	37	41	48	14	30	47	42	42	34	30	31	33	23	31
18	25	20	15	9	9	16	26	26	29	32	29	29	30	29	30	36	37	39	41	42	38	27	29	30	28
19	32	24	12	7	8	12	16	20	19	24	20	7	8	7	8	18	17	13	10	13	13	14	11	8	14
20	6	6	4	4	11	5	9	10	15	11	36	27	25	27	34	37	32	32	29	28	23	25	22	17	20
21	13	8	8	9	12	24	64	88	46	22	10	8	4	4	5	5	7	33	26	10	12	32	21	7	20
22	3	3	3	2	2	2	6	7	5	4	4	4	4	7	13	17	21	27	27	24	8	6	9	10	9
23	9	10	7	3	4	4	4	4	4	4	4	6	20	23	30	26	28	30	37	33	15	27	29	18	16
24	13	11	10	10	10	14	19	14	19	34	34	43	39	45	44	18	16	10	8	11	14	13	15	17	20
25	10	9	6	5	8	9	9	7	8	14	14	6	3	3	5	5	22	36	31	28	23	29	32	29	15
26	31	24	20	14	6	11	16	10	7	3	3	3	3	3	6	37	44	42	38	36	36	33	30	16	20
27	10	7	8	9	15	42	66	60	49	40	41	48	12	50	54	63	66	69	54	46	33	27	23	17	38
28	12	8	6	7	12	30	72	68	49	44	38	29	32	25	6	6	6	6	10	13	17	20	13	8	22
29	6	4	4	3	3	6	10	9	7	6	6	5	3	5	7	5	7	6	7	12	17	17	17	14	8
30	13	19	13	13	23	57	96	77	40	7	3	3	2	2	3	23	5	4	8	9	41	73	56	54	27
MEAN	15	13	10	9	10	21	32	30	22	20	18	17	16	18	17	19	20	22	23	21	22	25	22	18	19.2

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH														MONTH - OCT 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	42	32	24	33	22	27	77	58	14	7	3	3	3	3	5	4	4	5	10	14	15	13	67	63	23
2	48	33	21	19	23	42	59	60	46	9	11	6	4	6	3	3	3	6	13	24	45	86	67	61	29
3	63	35	14	7	5	9	19	26	24	25	18	21	3	3	2	2	2	3	5	63	65	74	68	59	26
4	48	25	17	21	32	68	109	34	9	5	4	-	3	3	3	4	4	6	10	41	46	46	45	34	27
5	6	26	20	25	11	9	19	21	10	5	3	3	4	4	3	3	4	4	6	7	11	11	12	6	10
6	4	3	3	3	3	5	12	11	8	5	4	4	5	5	5	8	8	7	7	23	19	14	14	11	8
7	8	7	6	7	9	31	51	54	47	45	48	-	-	46	52	65	62	64	58	50	44	37	29	24	38
8	16	12	9	8	19	52	75	69	57	57	56	58	64	62	68	68	62	60	58	50	47	40	40	29	47
9	22	14	11	10	12	18	28	37	39	38	31	29	26	27	24	25	26	32	22	20	13	14	16	17	23
10	14	8	5	4	4	5	7	12	13	15	19	23	23	23	21	22	21	21	33	29	16	25	31	43	18
11	33	26	19	13	17	25	34	33	20	8	7	5	4	4	3	3	2	3	7	10	6	11	11	8	13
12	4	5	7	8	11	58	37	36	10	5	-	4	4	4	4	4	3	5	6	6	5	6	7	7	11
13	6	5	4	4	4	7	14	18	16	30	23	19	9	-	27	33	42	39	27	23	19	13	16	12	18
14	8	5	5	6	8	25	47	47	37	32	33	32	-	34	38	38	41	43	18	9	19	45	26	5	26
15	2	1	2	4	3	4	8	8	4	3	3	4	3	5	16	30	37	42	31	24	20	17	18	9	12
16	5	3	3	-	-	-	22	33	35	36	34	36	33	35	-	38	45	48	45	39	18	21	-	31	29
17	43	31	-	-	-	7	12	17	20	27	-	-	-	-	-	35	39	37	-	36	-	34	30	23	*****
18	12	9	6	10	17	56	89	79	54	38	-	-	38	32	49	51	53	54	47	45	45	43	31	32	40
19	18	9	3	8	18	34	81	71	51	13	5	7	10	19	7	8	9	13	10	33	37	39	27	20	23
20	15	10	7	8	21	17	6	7	6	7	9	15	4	5	19	17	45	57	54	40	34	30	29	22	20
21	13	9	7	6	10	18	26	38	8	6	8	4	5	8	12	6	5	5	5	5	5	4	3	3	9
22	2	1	1	1	1	6	20	22	26	23	18	-	14	21	20	21	19	28	32	8	4	4	5	4	13
23	5	3	2	2	3	3	4	7	6	8	17	21	25	24	18	25	43	65	70	67	70	60	67	54	28
24	48	27	15	6	2	1	2	2	2	2	4	5	7	15	19	13	28	33	32	32	31	32	26	15	17
25	9	8	6	6	9	29	64	68	55	51	48	-	50	46	48	55	52	46	39	34	37	50	49	38	39
26	23	16	7	8	14	37	67	68	50	40	38	37	37	34	40	51	48	50	50	46	44	48	43	29	39
27	16	12	9	9	16	46	89	82	64	45	42	42	43	44	51	60	67	59	36	32	29	20	15	41	41
28	7	5	5	5	2	3	6	8	6	5	6	5	3	4	4	4	5	5	6	5	5	4	4	4	5
29	3	3	3	2	2	3	5	7	8	6	6	8	7	-	32	47	51	46	15	6	5	6	5	6	12
30	13	11	6	6	6	6	15	14	17	20	14	10	12	11	12	12	13	11	11	28	9	22	37	13	14
31	36	32	23	11	7	5	6	8	11	17	16	18	22	24	23	25	30	33	33	27	28	35	39	37	23
MEAN	19	14	9	9	11	22	36	34	25	20	19	17	17	20	22	25	28	30	27	28	26	29	29	24	22.7



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	9	8	7	7	13	52	100	74	59	43	41	-	41	43	58	65	88	91	73	36	33	43	27	45
2	54	50	58	43	36	30	28	39	28	17	12	8	7	7	7	6	6	7	6	7	7	8	12	12	21
3	9	10	10	6	5	6	7	12	16	17	16	8	8	5	4	4	6	10	21	79	72	52	62	107	23
4	87	37	33	14	9	18	56	109	98	71	7	5	6	4	3	8	10	5	6	9	4	8	9	6	26
5	5	5	5	7	5	5	9	12	16	9	10	9	8	31	41	44	35	44	47	22	13	12	10	5	17
6	5	4	4	3	2	2	2	3	3	3	3	3	4	4	3	4	5	5	6	7	8	9	21	17	5
7	11	5	10	7	4	2	2	2	2	9	15	19	27	28	26	28	38	42	34	38	33	33	34	32	20
8	19	12	4	4	7	11	40	83	78	50	37	38	39	42	42	-	58	60	54	49	37	30	10	6	35
9	7	5	4	3	3	4	7	13	8	4	4	3	4	5	5	5	7	10	12	12	11	12	15	23	8
10	37	21	22	11	5	9	9	61	54	37	32	33	56	45	46	46	-	68	54	50	44	37	32	30	36
11	26	16	4	3	6	13	47	90	74	61	51	37	33	35	16	4	12	7	5	7	6	15	15	29	26
12	19	18	12	15	19	21	42	68	84	63	43	43	48	45	53	57	63	50	41	23	12	9	20	8	37
13	7	6	2	2	2	2	5	4	9	17	22	16	11	10	8	3	4	5	8	6	4	3	3	7	7
14	3	3	2	1	1	1	1	1	1	1	4	6	28	18	3	25	34	34	20	24	30	24	20	16	13
15	16	13	9	9	10	23	64	66	64	52	26	17	7	-	28	46	65	57	41	28	16	16	13	19	31
16	28	25	19	16	12	13	27	80	72	40	29	14	15	5	9	13	8	10	12	14	11	12	11	12	21
17	17	14	11	8	10	11	15	24	20	18	13	8	6	5	5	6	7	6	5	4	3	6	8	18	10
18	8	6	3	3	2	2	6	16	24	40	44	28	37	26	39	18	8	6	7	6	3	3	6	8	15
19	8	6	5	4	4	4	6	12	16	8	14	20	22	16	31	39	41	46	46	46	48	36	31	34	23
20	34	30	20	12	8	8	14	31	31	34	39	36	41	45	44	46	50	52	53	45	47	23	30	36	34
21	28	32	25	13	8	6	8	13	14	9	6	16	28	26	40	45	41	43	40	32	18	4	2	2	21
22	2	1	1	1	3	4	7	19	34	20	12	-	30	36	35	27	24	23	8	3	2	2	2	2	13
23	2	1	1	1	1	1	0	2	3	3	2	7	6	-	8	7	4	4	4	4	4	3	2	3	3
24	1	2	2	1	1	1	3	6	9	9	7	4	5	6	9	8	11	12	10	10	10	9	7	6	6
25	5	4	3	2	2	2	3	7	10	13	17	13	7	6	15	17	14	11	9	7	6	5	5	6	8
26	6	4	7	6	6	4	5	8	7	6	6	6	6	6	7	7	8	9	9	8	7	6	6	7	7
27	7	6	5	4	4	3	3	2	2	4	4	3	4	16	21	26	24	21	30	22	20	15	20	13	12
28	5	5	4	3	3	2	2	2	2	4	14	14	24	25	25	23	19	29	34	32	30	26	32	27	16
29	9	6	4	4	5	8	25	53	34	10	19	16	-	8	14	14	6	6	6	5	4	4	4	2	12
30	2	3	3	2	2	3	6	8	9	7	4	3	3	2	3	20	38	26	6	4	4	4	4	5	7
MEAN	16	12	10	7	6	8	17	32	30	23	18	16	19	19	22	23	25	26	24	23	18	15	16	17	18.4

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - C NO 33002 PHARMACY AND 401, 5CARBOROUGH												MONTH - DEC 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	2	2	4	5	10	19	19	14	14	6	6	8	9	9	8	8	7	8	9	9	9	8
2	7	6	6	5	3	3	6	26	27	38	31	31	28	30	33	39	53	51	45	22	6	5	5	13	22
3	27	22	15	10	10	19	45	64	66	61	45	24	19	12	10	9	12	15	19	42	58	44	35	11	29
4	7	6	6	4	2	2	4	8	31	34	33	37	41	44	43	47	50	48	19	11	13	17	12	8	22
5	8	8	7	4	4	4	6	7	7	5	10	16	10	6	6	8	11	15	17	18	18	20	32	67	13
6	46	35	31	42	45	45	9	5	5	4	3	4	-	4	4	6	7	12	11	12	13	4	5	5	16
7	5	8	7	9	8	9	26	35	27	33	31	28	27	32	34	46	58	61	54	44	38	34	36	29	30
8	29	25	15	10	11	13	29	75	85	78	64	24	17	-	10	13	19	8	6	6	7	4	4	3	24
9	3	12	10	9	7	10	24	75	83	59	55	61	62	60	27	11	38	54	51	54	55	7	3	4	35
10	4	5	4	5	6	7	13	22	14	11	5	4	5	-	5	4	5	5	4	4	5	4	8	9	7
11	11	9	6	5	4	2	2	4	7	14	20	4	4	7	3	4	5	6	6	9	12	7	8	8	7
12	5	5	7	8	5	4	5	6	7	8	9	6	7	6	10	30	6	5	5	21	25	20	13	10	10
13	6	4	3	3	3	6	15	42	37	46	38	43	-	52	51	28	51	109	80	56	75	28	23	33	36
14	22	12	7	4	4	4	5	9	6	7	7	4	5	4	-	3	4	4	3	4	2	5	6	7	6
15	3	3	5	3	4	4	5	11	16	18	28	37	-	29	7	9	13	24	37	48	79	140	114	88	32
16	59	24	15	33	35	33	55	68	73	77	69	61	63	69	72	72	75	76	67	66	55	38	32	17	54
17	9	12	6	4	3	3	5	7	7	8	11	12	19	-	56	55	56	51	44	40	40	39	38	23	24
18	21	17	11	7	6	5	8	17	22	28	29	32	45	50	52	54	67	50	20	12	9	10	11	9	25
19	88	99	97	68	48	44	42	55	66	27	16	14	11	11	30	62	85	93	59	96	84	66	25	28	55
20	16	11	18	13	5	4	4	5	10	49	91	77	-	-	32	34	36	34	30	28	22	20	19	14	26
21	10	7	5	4	4	5	18	32	35	27	28	29	27	28	31	37	37	38	47	37	32	10	21	21	24
22	16	13	9	4	4	4	2	4	4	5	8	6	-	-	-	6	6	7	5	5	8	8	7	5	6
23	3	2	2	2	2	2	2	5	7	6	6	20	27	45	54	33	30	71	69	62	45	31	29	23	24
24	14	10	6	4	6	5	7	7	13	6	5	3	4	4	4	6	6	4	4	5	4	3	4	5	6
25	11	10	8	8	7	5	5	5	5	5	3	3	7	11	11	9	41	55	38	38	25	9	9	16	14
26	32	25	14	7	5	5	7	4	5	16	18	9	24	36	44	52	54	56	47	34	30	24	22	22	25
27	23	14	8	4	2	4	7	24	27	22	18	26	9	6	5	6	6	6	12	45	46	36	32	29	17
28	22	13	6	5	5	7	17	39	38	35	29	34	38	43	50	52	62	63	60	51	45	37	38	35	34
29	30	17	12	10	9	6	10	13	18	15	12	8	11	12	9	10	13	5	4	4	4	3	3	3	10
30	6	5	5	6	6	6	6	9	15	14	14	11	7	26	23	34	48	36	27	16	23	25	19	21	17
31	26	20	10	7	5	4	4	4	4	4	5	-	28	43	53	49	50	44	39	32	29	28	13	10	22
MEAN	19	15	12	10	9	9	13	22	25	25	24	23	21	26	27	27	33	36	30	29	29	24	21	19	21.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	24.7	58	88
FEB	29	24.5	59	96
MAR	29	18.8	33	73
APR	14	21.5	32	65
MAY	25	17.3	32	62
JUN	30	21.1	41	99
JUL	28	18.7	34	69
AUG	31	20.1	40	103
SEP	30	19.2	38	96
OCT	30	22.7	47	109
NOV	30	18.4	45	109
DEC	31	21.9	55	140
YEAR	338	20.8	59	140

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	9	81	303	133	92	41	73	732
FEB	2	104	258	139	75	48	60	686
MAR	15	190	279	108	58	27	25	702
APR	5	73	96	81	56	14	8	333
MAY	118	137	141	101	73	28	12	610
JUN	89	189	155	105	65	40	61	704
JUL	79	154	201	121	79	41	12	687
AUG	116	170	164	93	101	52	30	726
SEP	131	163	152	109	82	44	29	710
OCT	158	125	122	86	90	61	75	717
NOV	198	172	119	66	59	47	49	710
DEC	173	165	110	81	69	45	85	728
YEAR	1093	1723	2100	1223	899	488	519	8045

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

91.7

0

4.2

8.7

14.9

25.7

44.0

54.1

66.7

74.8

140

20.8

POLLUTANT - NITROGEN DIOXIDES - CHEMILUMINESCENT													UNITS - D.D1 PARTS/MILLION												
STATION - C ND 33D03 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	7	9	9	9	8	6	5	4	6	4
2	5	4	1	1	1	1	1	2	3	1	1	1	1	1	***	-	2	5	3	2	6	8	7	6	3
3	4	4	5	4	3	2	3	4	4	4	5	5	5	5	5	5	4	3	3	3	2	2	2	4	
4	2	2	2	1	1	2	1	1	2	2	2	2	4	3	3	5	6	5	3	3	4	6	6	1	
5	1	D	1	D	D	1	8	19	18	17	18	***	12	9	7	7	7	6	10	8	6	5	6	8	
6	7	5	4	4	4	4	8	18	13	8	7	6	7	6	***	7	7	8	8	8	6	5	4	4	
7	5	2	2	2	2	3	7	10	13	11	11	11	13	1D	9	9	9	8	6	6	4	3	3	7	
8	1	0	0	D	0	D	4	17	23	16	12	12	2D	****	6	6	7	9	1D	7	6	6	6	8	
9	6	5	5	3	2	3	3	7	9	7	6	6	5	5	5	5	6	6	6	5	6	11	7	6	
10	7	6	6	6	6	6	7	8	1D	11	11	9	8	8	8	8	9	10	1D	14	2D	19	26	21	
11	11	5	4	3	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	5	4	3	
12	3	2	2	1	1	2	5	1D	14	13	11	8	***	11	7	6	6	7	1D	17	17	5	4	3	
13	2	2	2	2	3	4	7	14	13	11	10	1D	7	4	4	5	4	3	1	2	2	2	2	5	
14	2	2	1	1	1	1	6	6	5	5	3	3	3	4	4	4	4	5	3	2	2	2	2	3	
15	1	1	D	0	D	D	3	7	11	9	6	6	8	8	1D	12	18	20	16	11	12	11	8	0	
16	D	D	D	1	1	3	3	5	5	5	5	6	7	5	3	3	5	5	4	4	4	2	3	3	
17	2	1	0	D	0	D	1	2	3	4	4	6	6	6	8	9	1D	11	8	7	6	3	1	2	
18	2	1	0	D	0	D	D	D	1	1	2	2	3	3	5	11	11	18	24	23	18	13	15	13	
19	11	6	3	4	2	3	6	9	8	5	4	4	4	4	4	5	8	7	5	3	3	3	3	2	
20	1	2	2	2	1	2	3	6	9	6	5	4	4	4	-	-	11	9	6	7	5	6	5	5	
21	5	4	4	5	5	3	4	11	16	1D	8	9	8	8	11	11	17	15	14	11	6	4	3	8	
22	2	2	1	1	1	2	4	9	1D	6	5	5	4	4	4	5	9	9	8	8	4	3	2	1	
23	1	1	0	D	1	1	3	9	11	12	8	7	7	***	8	9	5	3	3	2	2	2	1	4	
24	1	1	1	1	1	1	1	3	3	3	3	4	4	4	4	6	7	8	8	8	16	14	13	2D	
25	2D	3D	23	2D	16	1D	7	6	6	5	4	2	3	3	4	3	2	3	3	2	2	1	2	2	
26	2	2	3	3	3	4	9	13	2D	16	11	11	16	22	***	26	32	29	27	16	1D	8	6	5	
27	3	3	2	1	2	3	8	17	24	13	1D	12	14	14	12	11	14	2D	20	18	18	16	12	9	
28	5	4	3	2	3	4	5	11	19	11	7	6	***	9	9	5	8	8	7	6	5	5	6	7	
29	6	6	5	2	3	3	6	11	12	7	5	***	4	5	5	31	39	42	39	41	38	33	31	32	
30	35	32	20	14	16	16	33	59	71	58	49	45	46	46	4	54	61	62	57	56	56	52	47	53	
31	45	34	71	51	36	33	47	61	77	32	25	18	10	9	7	8	1D	11	1D	1D	1D	1D	8	7	
MEAN	6	6	6	4	4	4	7	12	14	1D	8	8	8	8	6	10	11	12	11	10	1D	9	8	8	

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - D.4

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - D.D1 PARTS/MILLION													
	STATION - C ND 33D03 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - FEB 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	6	6	6	7	7	7	9	9	9	11	12	12	13	12	11	10	10	19	16	14	11	13	14	13	11			
2	11	7	6	6	5	6	12	29	41	35	26	19	15	12	7	15	7	4	4	4	4	5	5	4	12			
3	3	3	4	5	6	7	10	11	14	13	9	7	9	4	4	5	6	6	8	11	6	7	9	12	7			
4	11	7	7	8	8	9	8	9	16	14	10	8	13	4	26	-	42	44	56	50	39	17	18	40	20			
5	45	32	32	26	23	25	33	70	72	60	50	42	41	42	36	39	48	50	46	11	47	45	46	45	42			
6	37	31	29	32	32	26	38	68	74	54	44	33	13	17	36	42	30	18	7	7	9	8	6	4	29			
7	5	5	7	7	6	9	14	26	30	32	13	11	11	9	7	6	5	6	5	5	4	4	4	5	10			
8	5	6	7	6	6	7	9	10	11	15	16	15	16	18	20	19	22	22	25	24	25	28	27	24	16			
9	16	14	12	13	13	16	31	75	64	42	31	18	5	5	6	***	5	5	3	3	3	1	1	1	17			
10	1	1	1	1	1	1	1	6	9	8	6	5	5	5	5	5	7	8	8	7	4	3	3	3	4			
11	2	1	1	1	1	D	2	6	10	7	4	4	3	3	2	2	3	3	3	2	1	1	2	2	3			
12	1	1	1	0	D	1	9	21	11	4	3	3	3	3	3	3	4	5	4	4	4	5	5	4	4			
13	2	1	1	1	1	1	2	8	11	5	4	3	3	3	3	6	10	10	5	7	3	2	1	1	4			
14	2	2	1	2	1	1	3	12	9	7	2	2	1	1	1	1	D	D	D	D	1	2	5	2	2			
15	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	3	3	3	3	4	2	1	1	2			
16	1	1	1	1	1	1	3	13	16	12	11	8	7	4	2	1	1	D	D	D	0	0	0	0	4			
17	D	0	D	0	D	1	7	10	9	3	3	3	4	4	4	5	12	14	8	5	6	2	0	D	4			
18	D	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	6	4	7	11	7	5	2	2	****			
19	1	1	1	1	1	2	4	6	4	5	4	4	4	4	5	4	5	8	9	6	5	4	3	2	4			
20	2	2	1	1	1	1	3	13	15	9	9	10	8	9	7	7	8	17	13	6	16	9	4	6	7			
21	8	6	9	15	9	6	5	5	4	3	4	3	2	3	3	3	3	6	7	5	4	5	8	6	6			
22	4	5	4	2	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3			
23	1	1	1	D	0	1	2	9	10	7	6	***	10	13	14	12	11	7	4	4	4	3	6	3	6			
24	2	3	2	2	2	2	5	10	10	9	8	7	8	7	6	8	10	11	9	11	13	19	20	34	9			
25	26	14	7	7	8	8	14	21	21	16	***	9	9	10	10	12	15	16	20	22	18	11	10	10	14			
26	11	15	14	11	10	11	22	57	38	19	9	9	9	12	13	19	24	19	15	14	10	7	7	8	16			
27	6	5	3	1	1	2	4	12	11	6	4	5	8	8	11	9	6	6	6	7	2	1	1	1	6			
28	1	1	1	4	3	1	1	2	4	4	4	5	6	3	4	2	1	1	2	1	2	2	2	1	2			
29	2	2	2	2	2	2	2	3	5	6	7	8	8	6	5	5	5	6	7	6	6	6	8	6	5			
MEAN	7	6	6	6	5	6	9	19	19	15	11	10	9	8	9	9	11	11	10	9	9	8	8	8	9.4			

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

</

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33003 LAWRENCE/KENNEBOY SCARBOROUGH													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	3	5	7	3	2	2	1	1	1	2	2	2	2	2	1	2	1	1	2
2	1	1	1	1	1	1	2	2	3	2	2	***	2	1	1	2	3	2	2	2	2	1	2	1	2
3	2	1	1	1	2	2	3	4	6	5	4	3	2	2	1	1	1	1	2	2	1	2	2	3	2
4	8	8	9	10	5	2	5	9	6	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	3
5	1	1	1	1	2	2	10	23	44	13	****	8	6	3	3	4	4	3	3	2	2	1	1	1	6
6	1	1	1	1	0	1	1	1	2	2	2	2	3	2	2	2	2	2	4	5	4	3	3	1	2
7	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
8	1	1	0	0	0	1	4	8	7	3	4	3	2	3	3	4	5	5	5	5	6	9	16	16	5
9	17	16	17	20	25	21	19	10	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1	7
10	1	1	1	2	3	6	12	17	14	9	11	9	8	8	7	5	16	19	16	13	4	2	1	1	8
11	1	0	0	0	0	0	3	7	6	2	2	2	2	2	3	5	9	9	10	11	3	5	10	11	4
12	5	3	3	1	0	0	1	1	1	2	1	1	1	1	***	2	3	3	3	3	3	3	4	3	2
13	5	5	3	3	2	2	2	3	4	4	4	4	4	4	4	3	4	4	4	3	3	2	2	3	3
14	4	6	8	3	1	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	2	2	1	1	3
15	1	1	1	0	1	2	6	9	8	4	5	5	5	5	6	7	9	7	9	9	6	4	2	2	5
16	2	2	2	2	1	1	1	2	2	3	3	3	2	3	5	5	12	15	8	4	2	2	4	3	4
17	1	1	0	0	0	1	2	4	5	3	2	2	2	2	2	2	3	4	3	4	4	5	5	7	3
18	6	6	4	2	4	5	9	19	20	9	5	5	4	5	2	4	5	6	5	2	1	1	1	1	5
19	1	1	1	1	1	4	14	24	16	10	6	5	6	5	12	11	13	14	14	17	14	10	9	10	9
20	11	9	8	6	5	4	4	5	4	5	5	6	8	7	8	9	11	11	13	11	9	8	8	8	8
21	8	8	8	7	6	6	6	6	6	5	5	5	5	5	5	5	4	1	1	0	1	1	1	1	4
22	0	0	0	0	0	0	1	1	1	2	2	4	5	4	4	4	5	5	7	10	7	7	4	5	3
23	3	1	1	1	1	1	3	7	8	7	6	3	2	2	2	4	7	8	6	5	4	4	4	4	4
24	3	1	1	1	1	1	3	7	6	4	4	****	****	4	5	7	8	9	10	11	9	9	9	9	6
25	6	6	5	5	6	7	12	19	18	11	8	8	6	3	6	9	8	8	12	18	18	17	15	13	10
26	9	8	10	7	5	5	6	5	2	1	1	1	2	***	1	1	2	3	3	4	5	5	5	5	4
27	5	5	13	19	15	4	2	3	5	4	8	****	7	7	5	7	10	6	5	4	3	2	2	2	6
28	2	1	1	0	0	0	0	0	1	1	1	2	4	5	6	5	5	5	5	6	5	13	14	7	4
29	6	4	1	0	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	2	2	3	4	5	16	11	3
31	6	4	4	3	3	3	4	8	11	10	11	15	10	6	4	4	4	5	12	23	29	31	26	15	10
MEAN	4	3	3	3	3	3	5	7	7	4	4	4	4	3	4	4	5	5	6	6	5	5	6	5	4.5

PERCENTAGE OF DATA VALIO - 98.7

PERCENTAGE OF OATA INVALIDO - 1.3

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	3	3	4	6	11	13	11	8	6	5	17	17	19	-	-	-	-	-	-	-	-	8
2												-	DATA	UNAVAILABLE	-										
3												-	DATA	UNAVAILABLE	-										
4												-	DATA	UNAVAILABLE	-										
5												-	DATA	UNAVAILABLE	-										
6												-	DATA	UNAVAILABLE	-										
7												-	DATA	UNAVAILABLE	-										
8												-	DATA	UNAVAILABLE	-										
9												-	DATA	UNAVAILABLE	-										
10												-	DATA	UNAVAILABLE	-										
11												-	DATA	UNAVAILABLE	-										
12												-	DATA	UNAVAILABLE	-										
13												-	DATA	UNAVAILABLE	-										
14												-	DATA	UNAVAILABLE	-										
15												-	DATA	UNAVAILABLE	-										
16												-	DATA	UNAVAILABLE	-										
17												-	DATA	UNAVAILABLE	-										
18												-	DATA	UNAVAILABLE	-										
19												-	DATA	UNAVAILABLE	-										
20												-	DATA	UNAVAILABLE	-										
21												-	DATA	UNAVAILABLE	-										
22												-	DATA	UNAVAILABLE	-										
23												-	DATA	UNAVAILABLE	-										
24												-	DATA	UNAVAILABLE	-										
25												-	DATA	UNAVAILABLE	-										
26												-	DATA	UNAVAILABLE	-										
27												-	DATA	UNAVAILABLE	-										
28												-	DATA	UNAVAILABLE	-										
29												-	DATA	UNAVAILABLE	-										
30												-	DATA	UNAVAILABLE	-										
MEAN	4	3	2	3	3	4	6	11	13	11	8	6	5	17	17	19	****	****	****	****	****	****	****	****	8.3

PERCENTAGE OF OATA VALIO - 2.2

PERCENTAGE OF OATA INVALIDO - 0.0

PERCENTAGE OF OATA UNAVAILABLE - 97.8

NOTES 1. "\*\*\*\*\*" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY



## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003

LAWRENCE/KENNEDY SCARBOROUGH

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
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20																									
21																									
22																									
23																									
24																									
25	4	4	4	5	6	7	11	12	10	9	9	11	11	10	11	15	12	11	10	7	5	4	4	4	*****
26	6	5	4	4	5	6	6	6	5	5	4	4	4	4	4	4	4	5	5	9	7	8	9	10	6
27	10	9	7	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	4	4	3	3	3
28	3	3	2	2	2	4	10	7	4	3	4	7	9	11	14	15	13	6	8	5	4	4	3	3	6
29	2	2	3	3	3	4	5	10	9	5	5	5	5	8	8	10	19	22	23	28	18	19	21	26	11
30	21	10	6	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6
MEAN	8	6	4	4	4	4	6	7	6	5	5	6	6	8	8	9	10	9	9	10	8	8	8	9	6.9

PERCENTAGE OF DATA VALID - 21.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 78.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003

LAWRENCE/KENNEDY SCARBOROUGH

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	6	7	7	8	8	10	9	9	7	7	9	9	9	8	12	10	11	11	11	11	12	10	9
2	10	11	11	11	10	11	13	15	14	16	16	16	17	15	17	15	13	14	15	15	15	15	14	14	14
3	14	14	14	14	13	13	15	16	17	17	17	18	16	17	19	20	21	20	20	21	22	16	18	18	17
4	18	18	18	18	18	19	19	18	16	16	16	16	17	17	18	17	18	18	19	21	25	29	22	18	19
5	17	16	16	16	17	24	28	20	21	20	19	17	17	24	30	52	56	56	52	60	69	70	73	70	36
6	58	43	42	43	33	23	20	14	21	29	20	18	13	8	10	11	8	6	6	8	8	6	11	19	19
7	22	27	17	12	14	22	26	27	21	14	12	10	8	9	9	8	9	10	11	12	13	16	13	14	15
8	14	13	8	5	5	8	13	13	10	10	10	8	8	7	8	8	8	8	7	8	9	9	8	6	9
9	5	4	4	3	4	10	16	12	6	4	3	***	6	7	6	6	7	6	6	6	8	8	10	12	7
10	16	15	10	8	7	6	6	7	8	5	5	5	5	4	4	4	4	4	4	5	5	4	4	5	6
11	4	5	5	3	3	3	3	4	4	3	4	5	6	8	9	9	9	11	12	7	6	5	8	6	6
12	4	3	3	3	4	6	10	9	7	7	7	8	6	6	6	6	8	7	6	4	3	3	3	2	6
13	2	1	1	1	1	2	4	5	3	2	3	5	5	5	4	5	5	5	5	5	4	3	4	4	4
14	2	2	1	1	2	7	11	12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	3	2	2	2	4	6	8	4	6	8	11	***	4	4	3	4	5	4	4	4	3	3	2	3	4
17	2	3	3	4	4	7	5	5	5	4	4	4	3	3	4	3	6	7	8	8	8	12	11	5	
18	9	8	5	5	7	7	4	4	4	4	4	4	4	5	5	6	6	6	6	7	10	14	15	13	7
19	9	6	5	5	5	6	11	15	9	6	5	5	4	3	3	3	4	4	4	4	4	3	3	2	5
20	2	2	2	2	2	3	4	5	5	4	4	1	1	1	2	5	7	4	5	6	4	3	3	4	3
21	3	3	2	2	3	3	5	5	2	2	2	2	2	2	3	3	4	4	5	9	7	16	13	9	5
22	4	4	3	3	3	3	4	4	4	4	3	3	4	3	3	3	3	4	4	4	4	4	3	3	4
23	3	3	3	2	3	3	5	5	5	4	3	1	1	1	1	1	2	1	1	2	3	4	3	4	3
24	5	4	1	0	0	1	0	0	1	2	3	3	2	3	3	2	3	3	3	3	4	4	4	5	2
25	5	4	2	2	3	3	4	3	2	2	1	1	2	1	1	1	1	1	2	5	8	8	9	6	3
26	5	17	15	19	17	22	20	12	5	2	***	4	5	6	6	5	5	4	4	4	4	3	3	2	8
27	2	2	2	1	2	4	9	9	7	7	6	6	6	9	9	8	8	8	9	12	13	14	17	8	7
28	4	2	2	2	3	4	12	9	4	4	5	5	4	3	3	4	4	4	4	3	2	3	3	3	4
29	3	3	3	4	6	7	7	7	6	6	6	6	5	6	7	8	8	9	9	9	8	8	7	6	6
30	6	7	6	7	8	12	12	9	8	7	***	***	***	9	11	4	7	5	4	7	11	11	11	11	8
31	5	4	4	5	4	4	8	14	10	4	5	5	4	5	5	4	7	6	3	3	3	3	5	6	5
MEAN	9	8	7	7	7	9	10	10	8	8	7	7	7	7	7	8	9	8	8	9	10	10	10	10	8.4

PERCENTAGE OF DATA VALID - 95.3

PERCENTAGE OF DATA INVALID - 4.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - AUG 76												
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	5	3	4	4	5	5	4	3	2	2	3	3	3	3	3	3	4	5	6	6	4	4	4
2	4	3	4	4	4	4	4	6	6	6	7	8	6	6	6	11	8	4	5	6	9	12	17	22	7
3	29	32	29	20	21	31	36	30	17	8	4	4	3	4	5	6	6	6	6	7	8	8	12	12	14
4	11	9	9	10	13	12	20	20	10	8	8	4	-	-	-	-	-	-	-	-	-	-	-	-	*****
5													-	-	-	-	-	-	-	-	-	-	-	-	-
6													-	-	-	-	-	-	-	-	-	-	-	-	-
7													-	-	-	-	-	-	-	-	-	-	-	-	-
8													-	-	-	-	-	-	-	-	-	-	-	-	-
9													-	-	-	-	-	-	-	-	-	-	-	-	-
10													-	-	-	-	-	-	-	-	-	-	-	-	-
11													-	-	-	-	-	-	-	-	-	-	-	-	-
12													-	-	-	-	-	-	-	-	-	-	-	-	-
13													-	-	-	-	-	-	-	-	-	-	-	-	-
14													-	-	-	-	-	-	-	-	-	-	-	-	-
15													-	-	-	-	-	-	-	-	-	-	-	-	-
16													-	-	-	-	-	-	-	-	-	-	-	-	-
17													-	-	-	-	-	-	-	-	-	-	-	-	-
18													-	-	-	-	-	-	-	-	-	-	-	-	-
19													-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	5	8	6	7	8	8	*****
21	5	5	3	3	2	3	5	4	3	3	3	3	2	2	2	2	2	3	4	5	7	7	6	9	4
22	8	8	4	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	6	8	10	8	8	4
23	9	6	3	1	1	2	3	3	2	2	1	1	1	1	1	3	3	3	2	3	3	2	27	2	4
24	1	2	2	1	2	3	4	3	2	1	1	1	1	1	0	1	1	1	1	1	1	4	2	1	2
25	1	1	1	****	****	****	****	****	****	****	****	****	6	5	9	9	7	6	5	5	6	14	26	24	*****
26	27	24	10	10	11	17	20	20	22	11	8	8	8	****	8	9	9	6	4	4	4	6	7	7	11
27	7	6	5	5	6	7	9	12	8	8	8	5	4	6	5	5	6	7	6	7	7	4	4	4	6
28	11	5	3	2	2	2	3	4	6	6	5	4	3	3	4	5	****	****	****	****	****	****	****	****	4
29													-	-	-	-	-	-	-	-	-	-	-	-	-
30	****	****	****	****	****	****	****	****	****	****	****	****	9	9	9	12	14	13	14	16	13	13	14	13	*****
31	11	12	9	8	10	22	34	35	25	16	11	8	6	5	5	5	6	6	6	6	7	7	7	6	11
MEAN	10	9	7	6	6	9	12	12	9	6	5	4	4	4	5	6	5	5	5	6	7	8	11	9	7.1

PERCENTAGE OF OATA VALIO - 41.0

PERCENTAGE OF DATA INVALIDIO - 7.4

PERCENTAGE OF OATA UNAVAILABLE - 51.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17*	18	19	20	21	22	23	24	MEAN
1	8	7	5	5	6	11	25	26	19	15	13	11	13	13	12	13	15	16	17	13	13	11	11	11	13
2	4	3	3	3	3	5	9	9	5	4	3	2	2	2	2	2	3	4	4	8	21	20	30	19	7
3	19	24	40	43	40	39	48	50	14	7	8	8	7	6	6	7	8	8	8	9	8	6	6	6	18
4	5	3	3	3	3	3	4	5	6	5	6	6	7	6	6	6	6	6	6	16	12	6	6	5	6
5	4	3	3	3	2	2	2	2	3	3	3	4	4	4	4	4	5	5	7	8	6	7	8	8	4
6	8	8	6	5	3	3	6	7	5	5	4	5	4	5	5	5	6	7	12	12	13	14	15	14	7
7	12	15	17	20	17	16	26	28	22	15	11	9	7	7	7	8	9	10	19	15	8	8	14	16	14
8	16	16	9	10	16	23	35	50	17	7	6	4	3	3	3	3	3	5	4	4	5	9	8	6	11
9	4	3	3	3	3	4	4	7	4	3	3	3	3	3	3	3	3	3	4	4	10	10	14	16	5
10	12	5	2	2	2	4	11	12	7	6	6	5	5	6	6	9	11	6	6	7	5	4	4	4	6
11	4	2	2	2	2	2	4	6	6	5	6	6	11	8	8	8	7	7	14	18	19	14	21	18	8
12	14	21	24	19	20	20	22	12	10	8	7	8	7	5	5	4	4	5	10	17	18	18	20	14	13
13	13	9	7	7	10	17	27	23	21	19	15	7	7	5	5	6	6	6	6	9	10	8	8	7	11
14	6	6	7	7	8	19	26	23	17	16	15	12	7	5	5	6	7	8	11	13	10	7	7	4	11
15	6	6	6	6	6	14	35	29	9	5	3	3	3	2	3	3	4	4	8	7	8	16	9	6	8
16	2	2	2	2	1	2	5	6	4	2	3	2	2	2	2	2	2	3	4	4	5	6	5	4	3
17	3	2	1	1	1	2	3	4	4	4	****	2	2	4	4	2	3	4	5	6	5	4	5	4	3
18	2	4	3	2	2	1	3	4	5	4	6	8	6	5	6	7	9	10	10	10	11	6	5	5	6
19	5	7	4	2	1	1	2	3	4	4	4	4	4	5	4	3	4	4	5	11	11	18	16	10	6
20	5	4	3	2	2	2	3	5	8	9	11	7	6	6	7	10	10	8	8	7	6	5	4	3	6
21	2	1	1	2	3	8	20	26	16	10	6	7	6	5	6	7	9	14	14	12	10	7	7	5	9
22	4	3	2	2	2	5	9	11	7	5	4	4	****	6	7	11	11	8	11	10	16	13	17	18	8
23	18	12	3	3	5	8	6	4	8	7	9	7	6	5	6	7	9	9	11	13	15	9	8	5	8
24	3	3	3	3	5	18	34	43	19	12	9	9	10	10	11	12	13	14	21	21	28	22	20	17	15
25	17	14	9	11	11	14	18	12	12	15	12	11	8	7	8	10	10	10	11	10	8	11	13	9	11
26	9	11	10	9	4	3	3	3	2	3	3	3	3	3	3	4	7	8	8	6	7	9	7	4	6
27	3	2	2	3	3	6	10	10	6	5	4	4	4	****	5	8	9	22	35	34	12	9	8	6	9
28	4	3	2	2	3	4	11	11	6	6	5	4	7	6	7	11	10	10	18	22	33	33	22	12	11
29	7	5	5	4	6	9	19	20	13	11	8	6	6	6	7	8	9	11	17	17	23	34	28	18	12
30	12	10	7	5	6	20	55	27	9	3	2	2	2	2	2	3	3	3	6	10	32	45	49	53	15
MEAN	8	7	6	6	7	10	16	16	10	8	7	6	6	5	5	6	7	8	11	12	13	13	13	11	9.0

PERCENTAGE OF OATA VALID - 99.6

PERCENTAGE OF DATA INVALIDIO - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	53	46	37	30	17	13	5	10	8	4	4	3	****	3	3	4	4	6	11	9	10	11	25	32	15
2	48	37	24	14	15	19	34	38	14	5	4	4	4	4	2	3	3	6	11	35	48	61	68	55	23
3	51	27	21	6	3	4	6	7	3	3	3	2	2	2	2	2	2	3	5	25	47	62	68	62	17
4	54	49	31	18	18	31	34	24	6	4	3	3	2	2	2	2	3	3	5	6	12	10	8	6	14
5	5	9	10	10	7	7	20	26	11	6	****	4	3	2	2	3	3	3	4	4	6	11	13	5	8
6	3	4	3	2	2	3	8	9	4	3	5	5	3	****	4	9	12	12	10	9	6	6	5	3	6
7	2	1	1	1	2	8	18	16	12	11	12	11	9	8	12	20	19	16	21	23	17	12	11	6	11
8	5	4	3	1	1	3	9	11	9	7	7	****	6	13	15	12	9	8	12	10	8	7	7	6	8
9	5	3	2	1	1	1	2	3	4	4	6	10	11	13	11	10	9	9	6	6	5	4	5	4	6
10	6	4	4	3	2	2	2	4	3	2	3	3	4	5	5	5	5	5	8	9	14	19	24	25	7
11	20	17	13	9	8	8	13	18	10	3	3	2	3	3	3	3	3	2	4	11	10	7	15	3	8
12	3	2	4	7	9	16	38	38	9	5	10	9	10	7	8	10	11	10	15	11	9	8	9	8	11
13	5	5	4	4	5	9	24	34	26	14	8	****	****	5	7	7	8	7	6	8	5	5	6	3	9
14	2	1	1	1	1	3	9	12	9	6	7	7	9	7	7	8	9	12	20	15	9	13	8	6	8
15	3	2	2	4	4	5	12	20	13	7	6	6	6	5	6	8	8	8	7	7	6	4	6	10	7
16	7	5	4	2	2	3	5	7	7	8	9	9	10	12	11	12	13	12	16	11	10	8	15	18	9
17	18	14	10	7	4	2	2	2	2	2	2	2	4	8	4	8	7	11	10	9	10	9	10	7	7
18	4	4	3	4	5	10	26	27	16	9	8	8	8	7	10	11	11	13	11	15	14	12	11	9	11
19	4	2	2	1	2	4	8	12	10	3	3	2	3	3	3	3	4	3	5	7	7	6	4	3	4
20	2	2	2	3	4	3	5	4	4	4	4	3	3	4	5	6	5	7	12	6	6	8	8	5	5
21	4	3	2	2	2	7	15	13	11	7	5	5	6	7	8	9	8	8	6	6	4	4	4	4	6
22	3	2	2	2	3	6	13	15	13	****	5	5	6	5	6	7	10	7	8	6	6	6	6	6	6
23	5	3	3	3	4	4	5	7	10	9	10	6	5	7	6	7	10	18	34	40	36	47	36	22	14
24	14	9	5	3	1	1	1	2	2	2	2	2	3	3	3	3	4	4	4	3	3	3	3	2	3
25	2	1	1	1	2	3	6	6	5	4	5	5	6	6	5	6	5	5	6	4	6	14	18	18	6
26	9	4	3	3	4	6	11	11	6	4	3	3	6	7	****	10	8	10	17	16	10	8	6	5	7
27	3	3	2	3	4	22	37	20	8	4	4	5	6	8	9	13	12	16	16	17	20	19	23	19	12
28	9	5	5	5	4	6	11	15	11	10	8	6	6	6	6	8	9	12	10	9	7	7	6	6	8
29	5	4	3	3	4	6	12	14	10	8	9	10	9	8	12	16	20	38	16	12	9	11	12	13	11
30	15	11	10	8	9	18	25	18	20	21	19	15	16	18	23	26	23	21	17	11	13	11	13	10	16
31	9	7	9	6	4	3	2	3	3	3	3	5	5	5	5	8	7	8	9	8	8	8	9	8	6
MEAN	12	9	7	5	5	8	13	14	9	6	6	6	6	6	7	8	9	10	11	12	12	14	15	13	9.3

PERCENTAGE DF DATA VALID - 98.9

PERCENTAGE DF DATA INVALID - 1.1

PERCENTAGE DF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION														
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - NOV 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	4	3	2	3	2	4	15	29	24	10	8	9	7	****	8	9	19	33	31	33	27	27	28	34	16		
2	36	41	21	21	19	24	39	38	20	13	12	10	10	****	9	9	11	12	14	14	12	14	13	17	19		
3	14	15	14	8	7	8	12	23	33	23	20	16	16	10	9	9	15	16	24	32	44	35	46	40	20		
4	28	14	10	8	4	5	11	22	41	17	8	4	5	8	10	14	22	12	10	10	8	9	10	13	13		
5	10	6	5	5	8	****	12	30	23	16	18	14	13	11	12	12	17	24	17	****	****	****	****	****	14		
6	- DATA INVALID -																										
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	6	7	6	7	8	7	7	8	****		
8	5	3	2	2	2	3	7	13	17	9	8	7	8	8	****	****	****	****	****	****	****	12	11	10	7		
9	7	7	6	3	5	7	11	15	7	4	7	7	8	10	****	****	12	19	18	17	16	15	14	13	10		
10	10	8	8	7	5	4	4	18	24	20	16	8	****	****	13	12	15	14	12	14	10	10	7	8	11		
11	7	4	4	3	3	4	12	24	16	9	8	8	9	8	9	11	13	13	11	8	12	14	11	10	10		
12	8	6	5	5	7	10	16	35	30	22	15	8	****	****	****	****	****	****	****	****	****	****	****	****	****		
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	8	9	11	9	10	10	6	4	5	****		
14	6	7	****	****	****	****	****	****	****	****	****	4	4	5	5	6	7	8	13	26	34	****	****	****	****		
15	****	12	12	****	****	****	****	****	58	42	24	14	8	6	6	9	13	20	26	35	28	26	25	24	22		
16	****	****	****	****	****	****	****	****	****	****	****	****	****	13	11	12	17	16	15	18	21	22	14	16	****		
17	18	14	11	12	12	13	15	****	31	15	13	****	9	9	10	11	11	10	9	7	7	11	6	5	12		
18	4	4	4	3	3	5	9	22	22	10	8	8	7	6	8	****	13	13	12	10	7	9	9	8	9		
19	9	8	7	6	5	6	10	21	****	****	14	****	7	8	7	7	10	12	8	10	13	11	7	7	9		
20	8	6	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	11	13	13	8	9	****		
21	5	8	6	4	2	2	2	3	****	****	****	****	****	****	4	6	6	7	7	6	6	6	5	5	5		
22	5	5	5	4	4	4	4	4	6	7	6	7	6	-	9	10	10	9	7	6	5	5	4	3	6		
23	3	2	2	2	2	2	3	7	8	6	6	6	5	5	5	****	9	8	7	7	5	5	4	4	5		
24	3	2	2	2	2	2	5	11	13	9	9	7	7	8	9	11	16	18	22	14	13	12	10	8	9		
25	6	5	4	3	3	4	7	15	22	16	15	10	5	15	22	25	16	15	14	6	5	4	6	6	10		
26	8	5	5	8	5	6	9	13	12	8	7	8	****	8	9	11	14	15	13	12	10	9	8	9	9		
27	9	7	5	3	3	4	4	7	6	6	7	8	6	6	6	7	7	8	9	9	7	6	7	8	6		
28	6	7	5	4	3	3	3	3	4	5	5	5	15	25	9	8	7	6	6	5	4	4	5	5	6		
29	3	2	2	1	2	2	4	10	11	8	-	6	6	6	6	6	9	9	7	7	6	5	4	4	5		
30	3	3	3	3	3	3	6	11	12	9	6	5	5	5	5	7	11	10	8	9	7	6	5	5	6		
MEAN	9	8	6	5	5	6	10	17	20	13	11	8	8	9	9	10	12	13	13	13	13	12	11	11	10.0		

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003

LAWRENCE/KENNEDY SCARBOROUGH

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	4	8	18	22	17	16	9	6	9	10	9	11	11	11	13	10	10	9	10	10
2	9	7	5	4	3	4	6	10	13	9	9	8	7	6	6	6	9	12	9	10	9	7	6	6	8
3	6	4	4	3	3	4	15	32	46	47	37	24	23	17	16	14	21	26	23	21	19	16	8	3	18
4	2	2	2	1	1	1	1	2	4	7	7	6	6	6	5	8	9	7	8	7	10	16	17	11	6
5	9	8	6	4	3	4	4	5	5	4	5	8	7	9	9	10	10	16	19	22	20	22	24	27	11
6	26	29	29	21	22	18	3	3	3	3	3	3	3	4	-	5	6	8	13	19	15	6	5	7	11
7	6	6	6	5	6	8	11	12	11	9	8	6	7	6	9	***	11	15	10	13	9	8	7	4	8
8	3	2	2	1	1	2	4	18	23	16	13	9	5	9	12	12	19	14	11	7	6	6	6	5	9
9	5	4	3	2	1	2	4	10	14	11	7	6	6	5	***	4	8	13	12	13	11	4	3	3	7
10	2	4	4	4	4	6	15	27	17	13	13	***	11	10	10	10	10	9	8	8	7	6	4	4	9
11	3	3	2	2	2	3	4	6	10	10	11	11	13	12	9	10	11	11	9	12	10	9	8	7	8
12	9	8	8	7	5	5	6	8	8	8	9	10	10	11	11	11	10	10	10	7	7	5	4	3	8
13	3	1	1	1	1	2	4	10	15	12	10	8	8	***	***	9	24	28	33	44	48	36	30	26	16
14	20	14	8	5	4	4	6	9	19	11	8	8	***	9	9	11	10	9	6	6	5	6	7	6	9
15	6	5	5	4	5	5	8	19	19	19	12	12	13	15	12	16	26	43	53	54	46	83	49	51	24
16	44	27	11	16	18	10	10	12	14	15	14	12	15	12	16	13	24	21	23	22	15	15	14	13	17
17	10	7	6	4	5	6	9	12	18	14	***	17	14	15	14	13	16	14	9	10	13	9	8	7	11
18	6	4	2	2	1	1	2	3	5	6	7	9	13	15	9	8	10	11	10	8	7	6	3	4	6
19	8	32	40	43	16	6	22	37	49	22	16	14	13	18	20	16	25	33	29	37	35	30	19	18	25
20	15	9	6	6	4	3	3	5	6	14	***	66	31	12	8	8	8	7	8	8	6	5	6	5	11
21	3	2	1	1	1	1	3	8	10	7	6	6	6	6	***	12	11	15	13	15	13	13	12	11	8
22	10	7	7	5	6	4	6	11	17	17	16	16	***	14	15	18	19	19	15	13	11	10	10	12	12
23	10	10	7	5	6	6	9	19	22	17	14	15	14	***	22	25	36	32	31	23	16	11	10	9	16
24	8	6	4	4	3	4	7	18	25	***	20	14	14	17	18	19	17	13	11	10	9	8	9	11	12
25	13	13	11	11	13	11	***	***	10	10	10	11	14	17	20	24	25	21	22	24	25	22	21	23	17
26	20	15	9	6	5	6	***	9	13	14	11	12	13	13	14	17	21	29	25	21	15	11	7	7	14
27	8	5	***	2	2	2	3	***	7	10	15	20	18	18	21	21	21	22	22	27	20	15	10	10	14
28	8	5	4	3	3	2	3	6	6	5	6	5	7	8	9	11	11	10	11	10	9	8	8	10	7
29	9	6	5	4	3	4	5	***	34	25	30	***	22	17	12	13	16	15	11	10	9	7	8	9	12
30	8	6	5	5	6	7	10	16	22	22	23	21	***	-	13	16	20	25	28	31	29	26	17	17	17
31	13	13	8	6	7	7	7	8	10	***	5	7	8	11	13	14	14	7	6	5	6	6	5	3	8
MEAN	10	9	7	6	5	5	7	13	16	14	12	13	12	11	13	13	16	17	16	17	15	14	11	11	11.8

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	8.3	43	77
FEB	28	9.4	42	75
MAR	31	4.5	10	44
APR	1	8.3	8	19
MAY		DATA UNAVAILABLE		
JUN	6	6.9	11	28
JUL	29	8.4	36	73
AUG	11	7.1	14	36
SEP	30	9.0	18	55
OCT	31	9.3	23	68
NOV	23	10.4	22	58
DEC	31	11.8	25	83
YEAR	252	8.7	43	83

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	389	191	100	13	15	9	15	732
FEB	331	171	102	26	20	19	10	679
MAR	540	126	59	7	1	1	0	734
APR	7	3	6	0	0	0	0	16
MAY		DATA UNAVAILABLE						
JUN	89	38	22	6	0	0	0	155
JUL	350	184	139	22	1	3	10	709
AUG	156	98	33	13	5	0	0	305
SEP	281	241	144	30	12	7	2	717
OCT	298	244	136	25	18	6	9	736
NOV	144	234	138	38	15	5	1	575
DEC	159	255	208	68	16	10	5	721
YEAR	2744	1785	1087	248	103	60	52	6079

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

75.6

0

1.1

3.3

5.6

8.9

17.6

24.7

38.4

48.2

83

8.7

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C				NO 34002				5C CTR 770 DON MILLS RD. NORTH YORK														MONTH - JAN 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN												
1	2	2	2	3	3	2	2	2	2	1	1	1	1	1	1	2	3	4	5	6	7	7	10	10	3												
2	13	10	4	3	3	2	3	5	6	2	2	2	1	****	2	3	3	3	4	4	6	8	7	5	4												
3	4	4	4	4	4	2	3	3	3	3	3	3	2	2	2	2	3	3	2	2	2	2	2	2	3												
4	2	2	2	2	2	2	1	1	2	1	1	1	2	2	1	1	2	2	2	3	3	4	5	4	2												
5	5	5	3	2	2	2	5	9	13	22	31	25	13	8	5	4	3	4	6	8	8	7	9	11	9												
6	10	8	9	9	7	7	9	12	9	8	7	****	-	7	5	6	6	7	8	7	7	7	6	6	8												
7	6	5	4	3	3	3	3	4	7	6	8	7	6	3	2	2	3	2	2	2	2	2	2	2	4												
8	1	1	1	1	1	1	2	8	15	14	10	11	19	7	4	3	4	5	5	4	4	4	6	6	6												
9	5	4	4	4	4	5	5	6	8	6	6	5	5	4	4	4	4	4	5	5	6	6	6	5	5												
10	5	6	5	5	5	6	6	7	8	8	7	4	4	4	4	3	3	4	4	8	9	14	19	22	7												
11	20	9	8	3	3	3	2	3	3	2	4	4	4	4	3	3	3	3	4	3	4	4	5	5	5												
12	3	3	3	2	2	2	2	3	5	7	8	10	14	11	11	9	12	15	11	19	25	4	4	3	8												
13	3	3	3	3	3	4	6	10	12	10	9	8	8	6	8	10	11	8	6	5	5	5	5	4	6												
14	3	3	3	2	2	2	3	4	3	4	4	3	3	3	2	3	3	3	3	3	4	3	3	3	3												
15	2	2	2	2	2	2	2	5	8	7	6	****	****	4	3	4	5	7	7	5	8	11	3	3	5												
16	3	3	3	3	3	3	3	3	5	5	5	4	5	4	3	2	3	3	3	2	2	2	2	3	3												
17	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	5	9	10	8	3	4	3	3												
18	3	3	3	3	2	2	2	3	3	2	4	4	3	5	4	4	8	9	13	19	20	14	8	11	6												
19	15	9	7	7	6	6	6	8	7	5	5	4	4	****	5	5	5	8	7	5	5	5	5	5	6												
20	4	5	5	5	4	3	3	5	6	6	5	4	5	5	4	4	4	5	3	3	3	3	3	4	4												
21	5	4	6	5	5	4	5	7	7	6	7	6	6	5	6	7	8	9	10	6	3	3	3	3	6												
22	1	1	1	1	1	2	3	4	4	2	2	****	2	2	3	3	4	7	6	5	3	3	3	3	3												
23	4	4	4	4	4	4	7	11	23	27	24	23	23	18	13	11	10	9	7	6	6	5	5	5	11												
24	3	3	3	3	3	3	3	5	4	5	5	6	5	5	6	6	6	6	7	9	17	14	16	24	7												
25	26	29	32	33	25	23	14	7	8	7	7	5	4	4	6	3	3	3	3	3	3	3	3	3	11												
26	4	4	4	4	4	5	8	10	11	13	9	****	****	10	14	15	18	19	13	8	6	5	3	3	9												
27	3	2	2	2	2	3	4	10	12	8	5	6	6	6	6	5	6	8	11	13	11	15	16	8	7												
28	4	3	3	4	4	3	3	7	10	7	4	4	4	6	****	5	5	6	5	4	4	3	4	5	5												
29	6	8	6	5	5	5	5	7	8	6	4	4	****	2	2	2	3	4	5	3	3	4	5	7	5												
30	9	10	6	4	4	4	6	11	12	10	7	****	****	****	5	6	5	7	5	8	15	17	17	19	9												
31	23	26	31	34	39	42	44	46	44	42	36	8	7	5	5	5	5	6	5	4	3	3	3	3	20												
MEAN	6	6	6	5	5	5	6	7	9	8	8	6	6	5	5	5	5	6	6	6	7	6	6	6	6.1												

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTE5 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LE55 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 34002				5C CTR 770 DON MILLS RD. NORTH YORK										MONTH - FEB 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	4	4	4	4	4	4	5	6	8	7	4	2	2	2	2	2	2	4
2	2	2	2	1	2	2	2	3	4	5	3	2	2	2	3	3	3	4	4	4	4	4	4	4	3
3	4	4	5	4	4	4	5	6	7	7	5	7	8	7	8	7	6	5	6	11	7	8	10	13	7
4	9	7	6	6	7	7	7	6	6	5	4	4	4	4	2	3	3	4	6	7	10	9	8	9	6
5	14	6	8	8	5	7	7	10	13	10	8	8	6	7	6	6	6	9	9	8	9	15	15	18	9
6	18	16	15	16	17	19	15	10	13	7	4	7	7	4	4	4	4	5	5	5	5	4	5	9	9
7	4	3	3	2	2	2	3	4	6	7	6	5	4	5	5	3	6	6	6	3	4	4	3	3	4
8	3	3	3	3	3	3	3	4	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
9	2	2	2	3	3	3	5	15	26	29	20	****	****	****	8	7	5	6	5	7	5	5	4	4	8
10	5	5	4	4	4	4	5	10	9	11	10	10	8	8	9	8	9	9	12	10	5	6	6	6	7
11	4	3	2	2	2	2	2	5	5	4	4	4	4	3	3	3	3	3	2	2	2	3	3	2	3
12	3	3	3	4	3	4	6	8	7	5	5	4	****	6	5	6	6	6	6	6	6	6	6	6	5
13	5	4	4	4	4	6	5	8	7	4	2	2	2	2	2	2	3	3	3	3	3	2	2	3	4
14	3	3	3	4	4	4	7	7	8	4	4	4	4	5	5	6	4	5	6	8	7	5	4	9	5
15	4	5	5	3	3	2	2	3	3	3	4	4	5	6	4	4	5	4	4	4	6	4	3	3	4
16	2	2	2	2	2	3	2	3	6	12	8	7	****	****	8	9	8	9	6	3	3	3	3	3	5
17	3	2	2	2	2	3	4	6	5	3	3	3	4	3	4	4	6	6	4	6	7	7	6	5	4
18	4	3	3	2	2	2	3	4	4	4	3	3	3	5	5	7	10	11	7	8	11	7	5	3	5
19	2	2	2	3	3	3	3	5	4	4	4	4	3	3	3	3	4	4	5	4	3	3	3	3	3
20	2	2	2	2	3	2	4	6	5	5	5	4	4	4	4	4	4	6	11	17	15	23	22	23	7
21	31	32	30	30	16	10	7	7	8	5	5	5	5	6	6	7	7	9	10	8	8	10	9	5	12
22	3	4	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	3
23	2	1	1	1	1	2	3	5	5	4	4	****	5	5	5	6	5	5	5	4	4	5	8	4	4
24	4	4	4	4	4	4	6	8	8	7	7	7	6	5	5	6	6	6	7	8	9	19	25	26	8
25	25	26	29	29	30	33	37	47	51	14	9	8	6	6	7	7	7	8	8	9	11	6	8	5	18
26	5	9	9	8	9	9	13	24	37	25	****	****	8	9	11	15	17	13	11	12	9	8	7	8	13
27	7	6	5	5	4	5	5	8	8	5	3	3	3	3	4	6	8	10	10	7	6	5	4	3	6
28	4	5	6	6	3	2	2	2	2	2	2	2	2	2	2	3	3	3	7	8	5	4	4	3	4
29	3	4	3	3	3	3	3	5	6	6	6	7	7	4	4	4	4	4	3	3	3	3	4	4	4
MEAN	6	6	6	6	5	5	6	8	10	7	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6.0

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTE5 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LE55 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK														MONTH - MAR 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	3	6	8	7	6	3	3	3	3	3	5	4	3	3	3	3	3	3	4
2	3	2	2	2	2	2	3	4	5	4	3	4	3	3	3	4	5	4	4	4	4	4	4	4	3
3	3	3	3	2	3	3	3	3	6	7	6	6	5	4	4	5	6	7	5	5	5	5	6	5	5
4	5	9	10	12	13	5	5	11	14	9	5	***	5	5	5	5	5	4	4	3	3	4	3	3	6
5	4	4	5	4	4	5	10	19	29	27	8	9	7	5	3	3	3	3	3	3	3	2	1	1	7
6	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2	2	2	3	3	3	4	5	5	4	3
7	4	3	3	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	1	2	2	3	4	2
8	4	1	1	1	0	1	3	3	5	5	3	3	2	2	2	2	2	3	3	4	5	7	10	17	4
9	18	17	15	16	19	22	27	38	7	4	2	3	3	3	3	4	3	4	6	6	8	8	7	8	10
10	8	8	8	6	6	7	8	10	9	8	10	11	10	9	9	10	15	14	10	12	5	4	4	3	9
11	3	4	3	3	2	1	4	6	5	3	2	***	***	2	2	2	2	3	4	5	9	8	13	17	5
12	20	20	14	6	1	1	3	4	4	5	4	***	6	5	5	5	6	7	7	7	7	6	6	6	7
13	5	4	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	1	2	1	2	4	3
14	4	4	5	5	4	4	4	3	3	2	2	2	2	2	3	3	3	4	4	3	3	3	3	3	3
15	3	2	2	2	1	1	3	4	5	3	3	2	2	2	2	2	2	3	4	6	7	7	6	6	3
16	6	5	5	4	4	2	4	5	7	6	6	5	6	8	7	5	4	6	8	3	3	3	3	3	5
17	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	4	4	4	6	7	2
18	7	5	7	7	7	7	11	23	26	10	6	5	5	5	5	5	5	5	5	5	6	6	6	8	7
19	6	4	4	5	6	6	8	17	14	13	6	5	5	6	6	5	5	6	6	7	9	5	5	5	7
20	5	5	6	5	4	4	4	6	5	5	5	5	5	5	4	5	4	6	6	5	4	3	3	3	5
21	3	3	3	3	3	3	2	2	2	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	2
22	1	1	1	1	1	1	3	3	2	4	3	4	***	6	5	5	5	4	5	6	5	5	5	7	4
23	6	5	5	5	4	4	5	7	9	9	6	3	3	3	4	4	6	5	7	5	6	7	7	7	6
24	7	6	4	5	4	4	6	7	8	7	6	6	6	4	4	4	5	5	5	7	7	4	5	4	5
25	4	2	2	2	2	3	4	9	9	6	3	2	2	2	2	2	2	3	3	5	4	7	6	9	4
26	13	11	9	8	7	7	12	19	5	3	5	3	5	5	5	7	6	6	8	13	13	17	17	20	9
27	24	30	31	32	29	15	5	4	3	3	4	4	5	6	4	4	5	4	4	3	2	2	2	2	9
28	2	2	2	1	1	1	0	0	0	0	0	0	2	2	2	2	2	2	4	6	9	13	12	12	3
29	12	11	10	10	4	3	4	6	3	2	2	2	3	3	3	3	4	4	3	3	3	3	2	2	4
30	2	2	2	1	2	1	2	3	3	3	3	3	3	3	3	3	4	4	4	7	7	9	9	19	4
31	11	4	4	3	3	4	4	5	7	8	10	13	17	12	11	7	7	9	11	13	16	17	14	8	9
MEAN	6	6	6	5	5	4	5	8	7	6	4	4	4	4	4	4	4	5	5	5	5	6	6	7	5.1

PERCENTAGE OF OATA VALIO - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 340D2 SC CTR 77D DDN MILLS RD. NDRTH YORK														MONTH - APR 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	4	4	5	6	7	5	5	4	3	3	3	3	4	5	5	4	5	4	6	4
2	4	4	4	4	3	3	3	3	4	3	3	2	2	2	2	2	3	3	4	5	9	7	5	7	4
3	4	2	3	3	3	2	3	2	2	2	2	2	2	2	3	3	4	4	4	3	3	3	3	3	3
4	3	3	3	2	2	2	2	2	2	2	1	2	1	1	2	2	2	2	2	2	3	2	3	4	2
5	4	3	1	2	1	2	3	3	4	3	1	1	-	2	2	2	3	3	4	4	6	12	11	11	4
6	13	10	7	3	3	3	4	5	4	4	3	2	2	2	2	2	3	3	3	3	4	4	5	4	3
7	10	7	6	3	3	3	3	4	3	2	2	1	2	2	2	2	2	3	3	3	4	4	4	4	3
8	4	4	4	3	3	3	3	5	5	3	2	2	-	2	2	2	2	2	2	3	3	3	3	3	3
9	3	3	3	3	3	3	4	8	9	4	2	2	4	4	5	6	6	7	9	13	18	17	23	23	8
10	23	21	17	15	6	6	7	8	7	7	9	5	3	3	3	3	3	3	4	4	3	3	3	3	7
11	3	2	2	2	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2
12	3	2	3	2	3	3	3	3	3	2	2	-	-	2	2	2	2	3	3	4	4	5	5	3	3
13	5	5	5	4	3	3	3	8	6	4	3	2	2	2	2	2	3	3	4	6	8	10	10	16	5
14	16	18	16	15	14	15	18	20	25	17	13	13	10	6	5	5	7	8	8	8	11	8	12	12	13
15	10	12	12	7	5	5	6	13	11	11	12	-	11	9	12	11	15	10	11	14	8	6	7	6	10
16	8	9	6	5	4	4	7	8	10	5	4	5	5	4	4	5	7	6	12	9	4	4	4	4	6
17	5	6	4	5	5	5	5	5	5	10	8	6	6	4	3	3	4	5	5	6	9	12	17	17	7
18	18	18	19	16	18	20	23	22	8	7	4	4	4	3	4	4	5	5	5	10	11	10	15	11	11
19	11	8	8	6	5	5	6	21	19	10	9	5	2	2	2	2	2	3	3	4	6	8	9	11	7
20	4	2	2	2	2	2	3	5	3	3	2	-	-	6	6	7	6	7	7	7	9	12	10	13	5
21	12	7	6	5	3	3	3	3	3	3	3	2	5	7	10	10	11	8	6	8	15	17	22	4	7
22	4	4	4	3	3	4	4	6	6	5	4	3	4	3	3	3	3	5	4	4	5	5	2	5	4
23	5	3	2	1	1	2	2	2	2	2	2	2	2	2	2	4	5	7	9	9	6	6	5	4	4
24	5	3	3	3	2	2	2	2	2	2	2	2	3	4	3	4	5	7	6	6	6	6	5	4	4
25	5	5	4	2	2	2	2	2	2	2	2	2	3	3	3	4	4	5	5	2	3	3	3	2	3
26	2	2	2	1	2	2	4	4	4	3	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2
27	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2
28	2	2	2	2	2	2	4	4	2	2	1	2	2	2	2	2	3	2	3	3	3	3	3	3	2
29	3	3	3	3	3	6	13	9	6	3	2	-	-	2	4	3	3	3	3	3	8	13	15	15	6
30	13	13	13	12	12	13	24	25	9	7	4	4	2	2	2	3	3	3	4	6	6	4	6	5	8
MEAN	7	6	6	5	4	4	6	7	6	5	4	3	4	3	3	4	4	4	5	5	6	7	7	7	5.1

PERCENTAGE OF OATA VALID - 98.6

PERCENTAGE OF OATA INVALID - 0.0

PERCENTAGE OF OATA UNAVAILABLE - 1.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
	STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK										MONTH - MAY 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	8	11	10	9	9	10	12	11	9	9	7	6	6	5	4	5	4	5	6	7	7	8	8	8
2	5	8	11	4	4	5	7	6	5	4	4	3	3	3	3	2	3	4	4	3	3	3	2	4	4
3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2
4	1	1	2	2	1	3	3	3	2	2	2	1	2	2	2	2	3	4	4	4	5	5	5	4	3
5	4	4	5	4	4	4	7	6	6	6	5	5	4	4	3	3	3	3	3	4	3	3	3	3	4
6	2	2	2	2	2	2	4	5	5	5	4	4	-	-	6	7	6	6	4	4	4	3	3	3	4
7	2	1	1	1	1	3	6	6	5	4	3	4	2	2	4	4	4	3	3	3	3	3	5	8	3
8	6	3	3	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	4	5	4	5	3
9	6	7	7	7	5	4	4	3	4	7	4	3	4	4	3	3	3	2	2	4	9	16	15	14	6
10	15	18	18	19	20	24	32	19	5	5	0	4	5	4	5	7	6	4	4	5	6	7	9	7	10
11	5	4	2	2	2	3	10	14	17	13	10	8	7	5	6	9	5	3	3	3	3	2	2	2	6
12	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	4	5	7	7	10	3
13	9	10	6	5	4	4	7	7	7	8	2	-	4	3	3	3	3	3	6	7	7	5	8	11	6
14	11	-	7	5	5	6	13	18	13	12	11	11	9	9	10	9	8	7	10	11	12	15	18	19	11
15	18	20	18	19	19	18	15	14	11	10	8	5	4	5	4	4	4	4	5	5	4	4	3	3	9
16	4	2	2	2	3	2	2	2	4	3	4	5	5	5	6	6	7	6	8	6	10	15	10	12	5
17	9	6	6	5	4	5	7	9	8	6	6	3	0	0	8	7	9	4	3	3	2	2	2	2	5
18	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	3	2	2	2	1	3	3	3	3	2
19	3	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	3	6	7	7	4	0	0	8	6	5	2	3	3	3	6	15	15	16	23	6
21	26	18	7	2	2	3	3	2	2	-	2	2	2	2	-	2	2	2	2	3	4	3	5	5	5
22	4	-	3	3	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	4	4	6	3
23	6	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
24	3	3	3	3	3	4	3	2	2	2	2	3	4	2	2	3	4	4	6	9	5	3	6	9	4
25	8	6	7	7	5	7	4	7	6	3	3	4	4	4	4	4	5	6	5	7	7	5	6	6	5
26	5	3	3	-	3	5	12	4	13	10	5	3	4	3	4	9	7	6	5	4	11	16	16	18	7
27	18	16	15	12	13	14	18	13	6	4	2	-	7	5	4	4	4	4	5	5	7	5	8	15	9
28	11	9	8	7	8	12	19	21	7	4	3	3	3	6	4	4	4	4	4	5	6	8	5	4	7
29	6	9	6	5	6	4	3	3	4	5	3	3	3	3	5	3	3	3	4	4	4	5	5	7	4
30	5	4	3	3	2	2	2	2	2	2	2	3	4	5	4	4	3	3	4	4	4	4	3	3	3
31	3	2	2	2	2	3	6	7	7	4	4	6	6	5	6	7	6	6	7	8	10	11	13	8	6
MEAN	7	6	6	5	5	5	7	7	6	5	4	4	4	4	4	4	4	4	4	4	6	6	7	7	5.1

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - C NO 34002 SC CTR 770 OON MILLS RD, NORTH YORK															MONTH - JUN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	4	7	6	4	4	6	7	6	4	6	8	11	18	15	16	17	24	26	27	10
2	28	33	33	30	24	18	21	12	4	2	2	3	2	2	2	2	2	2	3	3	11	13	15	20	12
3	23	28	29	27	23	22	23	22	5	8	12	-	-	4	4	4	4	4	4	4	15	14	18	22	15
4	27	28	27	23	18	16	16	7	4	3	3	3	2	2	2	4	2	2	3	4	11	12	14	17	10
5	22	23	22	20	17	16	14	10	10	3	4	5	3	3	3	3	2	2	3	4	11	12	15	19	10
6	23	25	25	23	20	16	12	8	4	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	8
7	5	4	4	4	4	5	7	4	3	3	3	-	2	2	2	2	2	2	3	6	13	10	12	10	5
8	9	7	6	5	5	7	10	10	8	4	3	6	5	4	5	3	2	2	2	3	10	12	13	13	6
9	14	13	13	12	8	10	8	7	6	8	7	5	4	3	3	3	3	4	4	5	6	10	12	11	7
10	9	10	10	8	7	6	8	9	8	8	7	6	-	-	4	5	3	3	3	4	4	5	5	6	6
11	5	4	4	3	3	4	7	8	9	8	7	3	2	2	2	2	2	2	2	2	3	3	3	3	4
12	2	2	2	2	2	3	2	1	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	3	2
13	3	2	2	2	2	2	3	2	3	3	3	3	3	4	4	4	3	4	7	7	4	7	7	5	4
14	3	2	2	2	2	3	8	7	8	6	-	5	3	3	4	6	5	3	3	3	5	6	12	12	5
15	9	11	9	7	6	7	11	10	12	7	7	6	4	4	5	6	6	6	6	5	5	4	4	4	7
16	4	4	3	3	4	6	6	5	7	5	4	3	5	7	6	6	6	5	6	6	7	7	9	5	5
17	3	3	2	2	2	2	4	5	-	-	-	-	-	-	5	6	4	7	5	4	6	16	17	19	6
18	23	26	26	28	26	26	18	9	5	5	5	5	6	5	5	4	4	8	6	6	6	7	5	4	11
19	5	6	4	4	3	5	6	6	4	4	4	5	5	5	5	5	6	6	3	3	3	4	6	5	5
20	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	10	6	9	14	18	22	15	6
21	9	7	5	4	5	6	11	7	6	3	3	3	5	4	3	4	4	5	5	4	6	6	6	7	5
22	6	5	7	5	5	7	10	15	13	9	10	8	7	6	6	5	4	5	4	5	10	14	13	13	8
23	12	11	12	10	7	10	15	16	8	3	3	4	4	4	4	4	4	5	6	7	6	10	13	11	8
24	8	7	5	4	5	6	13	11	9	8	8	8	-	-	7	7	7	5	5	5	4	4	4	5	7
25	3	3	3	2	3	4	6	8	7	5	6	7	4	4	3	3	4	3	4	6	7	7	6	6	5
26	4	3	3	3	3	3	4	4	4	4	6	5	4	3	2	3	3	4	3	7	7	7	8	9	4
27	6	6	7	6	3	5	4	3	3	3	3	3	2	3	2	3	3	3	4	6	7	4	4	4	4
28	3	3	2	2	2	4	5	-	-	-	-	-	5	7	13	11	11	6	8	8	6	8	7	6	6
29	3	4	3	4	4	7	9	15	12	6	6	6	4	5	4	7	10	16	15	13	19	16	16	17	9
30	18	18	10	5	4	4	6	5	4	4	-	-	4	5	4	4	4	4	4	5	4	4	6	6	6
MEAN	10	10	10	9	7	8	9	8	6	5	5	5	4	4	4	4	4	5	5	6	8	9	10	10	6.9

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" IND

POLLUTANT - NITROGEN DIOXIDES - CHEMILUMINESCENT																UNITS - D.D. PARTS/MILLION									
STATION - C ND 34DD2 SC CTR 77D DDN MILLS RD. NORTH YORK																MONTH - JUL 76									
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	4	4	3	4	5	4	5	5	3	4	3	3	4	4	4	3	4	4	4	4	4	4	4
2	3	2	2	2	2	2	4	4	4	4	4	5	5	5	6	5	3	4	4	5	4	4	4	4	4
3	3	3	3	2	2	3	3	4	4	3	3	3	3	3	3	3	4	5	7	8	9	10	14	16	5
4	12	8	-	-	5	4	4	3	3	4	3	4	2	2	2	3	3	4	4	9	13	15	17	17	6
5	16	14	12	12	16	17	11	9	11	7	7	-	-	8	8	8	6	5	6	7	11	11	13	17	11
6	20	17	13	8	5	7	13	23	11	12	10	9	7	4	3	3	3	2	3	5	7	9	11	12	9
7	10	8	7	7	7	11	17	17	9	9	8	5	6	5	4	3	4	6	8	8	7	10	11	10	8
8	11	12	12	7	3	4	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
9																									
10																									
11																									
12	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	*****
13	0	0	0	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
14	3	4	3	3	3	3	4	6	7	9	8	6	7	4	3	3	5	7	7	15	13	9	8	8	6
15	8	4	5	6	6	6	8	14	14	-	4	2	3	3	3	3	3	7	9	8	7	6	6	8	6
16	7	7	5	6	5	5	8	18	13	9	14	9	4	2	2	2	2	2	2	2	3	3	2	3	6
17	1	1	1	0	2	2	2	1	1	1	1	0	0	0	0	1	2	1	3	3	2	5	6	5	2
18	5	5	3	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	2	3	6	10	8	3
19	4	2	2	2	2	2	5	8	7	-	-	-	-	4	6	5	5	5	6	5	5	3	3	3	4
20	3	5	4	4	4	5	7	7	8	7	6	5	5	5	5	8	5	4	4	5	4	4	5	6	5
21	4	2	2	2	2	3	4	8	5	3	3	4	4	3	2	2	2	2	3	3	6	11	13	17	5
22	15	10	2	2	2	2	4	5	3	3	3	3	2	2	2	2	3	2	4	3	4	4	5	4	4
23	1	1	3	2	3	5	7	13	7	5	6	7	8	4	4	4	4	4	5	7	7	6	5	8	5
24	7	8	5	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	4	4	4	3
25	5	5	3	3	3	3	5	5	3	3	3	3	2	2	2	2	3	3	3	6	9	12	12	12	5
26	11	13	14	16	17	17	17	13	6	5	-	3	3	4	4	5	3	2	4	4	-	-	-	-	8
27	-	-	-	-	-	-	-	-	-	-	1	1	1	2	3	2	1	1	1	3	5	12	13	14	*****
28	13	11	7	5	4	5	12	12	6	6	7	6	4	5	2	3	3	3	4	3	3	3	3	3	6
29	1	1	0	1	2	2	2	3	3	3	-	3	3	3	5	8	7	6	6	5	5	4	4	3	3
30	2	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
31																									
MEAN	7	6	5	4	4	5	6	8	6	5	5	4	3	3	3	3	3	3	4	5	6	7	7	8	5.1

PERCENTAGE OF DATA VALID - 77.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 22.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN DIOXIDES - CHEMILUMINESCENT																UNITS - D.D. PARTS/MILLION									
STATION - C ND 34DD2 SC CTR 77D DDN MILLS RD. NORTH YORK																MONTH - AUG 76									
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17	-	-	-	-	-	-	-	-	-	-	5	3	3	3	3	3	3	3	5	13	26	25	27	24	*****
18	21	13	4	5	4	6	13	20	20	13	10	7	4	4	5	5	5	4	5	6	14	20	21	23	11
19	25	28	27	26	22	20	28	41	24	5	4	3	3	-	-	3	4	4	5	7	12	16	15	16	15
20	18	20	20	20	20	21	28	23	14	8	7	6	7	5	5	5	6	7	8	7	7	10	12	13	12
21	14	10	9	7	7	6	8	6	5	4	3	2	4	4	4	3	4	5	6	8	8	7	10	13	7
22	15	13	11	9	6	5	5	5	4	3	3	3	2	2	2	2	1	2	3	7	14	12	13	15	7
23	13	12	12	11	9	10	9	8	6	4	3	-	-	3	2	2	3	3	3	4	4	4	5	3	6
24	3	2	2	2	2	4	9	9	7	3	3	3	5	4	4	3	3	1	2	3	9	10	13	17	5
25	21	24	23	22	22	23	32	35	46	33	20	9	6	4	4	4	4	4	6	8	15	14	16	19	17
26	23	26	29	28	24	23	24	29	35	20	4	-	5	6	6	6	5	4	5	7	9	9	7	7	15
27	7	7	6	5	6	8	16	8	6	5	5	4	3	4	4	3	4	4	4	5	5	8	6	4	6
28	3	3	3	3	3	3	4	3	3	4	4	3	3	2	3	3	3	3	5	4	7	9	6	6	4
29	4	4	3	2	2	2	2	1	1	1	0	1	2	2	2	2	2	2	2	2	2	2	3	3	2
30	1	1	1	2	2	4	4	3	3	1	1	1	1	1	1	2	2	2	2	4	6	9	13	12	3
31	12	10	7	6	7	14	23	13	10	7	5	4	4	3	4	4	4	5	5	5	5	5	5	5	7
MEAN	13	12	11	11	10	11	15	15	13	8	5	4	4	3	4	3	4	4	4	6	10	11	11	12	8.4

PERCENTAGE OF DATA VALID - 46.4

PERCENTAGE OF DATA INVALID - D.D

PERCENTAGE OF DATA UNAVAILABLE - 53.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNIT5 - 0.01 PARTS/MILLION

HOUR DAY	STATION - C NO 340D2 5C CTR 770 DON MILL5 RD. NORTH YORK																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	5	6	6	5	5	4	10	13	6	5	4	3	3	3	3	4	4	3	3	3	3	4	4	3
2	3	2	2	2	2	8	9	7	4	2	-	-	-	2	3	2	1	3	4	6	12	12	15	21
3	24	27	31	31	29	27	32	47	23	3	3	3	2	1	-	3	4	4	4	4	3	3	3	3
4	2	2	1	1	2	2	3	3	3	2	2	2	2	2	2	1	1	1	2	5	4	3	3	2
5	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3	4
6	6	6	5	4	3	3	3	4	2	2	1	0	1	1	2	3	3	4	4	12	14	14	17	16
7	15	14	13	12	11	12	14	12	12	9	4	-	3	2	1	2	2	2	3	3	2	3	5	7
8	7	6	6	7	8	10	19	27	25	23	8	6	3	3	3	3	3	5	6	5	10	12	13	11
9	12	10	6	3	3	5	7	12	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
10	- DATA UNAVAILABLE -																							
11	- DATA UNAVAILABLE -																							
12	- DATA UNAVAILABLE -																							
13	- DATA UNAVAILABLE -																							
14	- DATA UNAVAILABLE -																							
15	- DATA UNAVAILABLE -																							
16	- DATA UNAVAILABLE -																							
17	- DATA UNAVAILABLE -																							
18	- DATA UNAVAILABLE -																							
19	- DATA UNAVAILABLE -																							
20	- DATA UNAVAILABLE -																							
21	- DATA UNAVAILABLE -																							
22	- DATA UNAVAILABLE -																							
23	-	-	-	-	-	-	-	-	-	-	4	3	3	2	2	2	2	3	5	5	3	3	1	*****
24	1	1	2	2	2	4	11	14	8	6	3	2	2	2	2	3	6	6	8	10	13	17	16	10
25	9	8	8	8	8	4	11	9	5	5	6	6	4	4	4	5	3	4	4	4	4	3	6	9
26	11	10	8	7	6	6	4	3	3	4	5	5	5	5	4	5	7	8	6	6	5	5	5	3
27	3	3	3	3	3	5	10	9	7	5	-	-	6	6	5	5	8	14	15	14	5	4	3	6
28	1	1	1	1	2	3	6	9	5	2	2	2	2	3	3	4	4	5	9	10	12	17	9	7
29	6	4	4	4	4	5	7	8	7	5	3	3	3	3	3	3	3	4	5	7	7	12	12	9
30	8	8	6	7	8	9	17	32	17	4	3	2	-	3	5	4	4	5	5	11	14	18	22	27
MEAN	7	7	6	6	6	7	10	13	8	5	4	3	3	3	3	3	4	5	5	7	7	8	9	8

PERCENTAGE OF DATA VALID - 52.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 47.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNIT5 - 0.01 PARTS/MILLION

HOUR DAY	STATION - C NO 340D2 5C CTR 770 DON MILL5 RD. NORTH YORK																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	32	34	36	33	25	22	19	17	13	7	6	5	3	3	4	6	7	6	11	16	26	11	16	21
2	23	30	29	26	25	24	24	23	20	15	4	6	6	4	4	9	10	13	13	16	21	22	31	40
3	45	48	45	42	38	31	23	13	6	3	3	3	5	3	3	4	5	7	6	13	13	19	24	29
4	34	38	37	31	25	21	26	37	31	5	-	7	5	3	3	3	4	5	6	9	13	15	15	17
5	18	17	16	16	16	18	27	35	15	5	4	4	3	3	4	6	6	7	8	12	15	17	19	10
6	5	4	3	3	3	4	8	10	7	4	4	4	4	4	5	9	8	7	6	4	3	2	2	5
7	2	2	2	1	1	2	2	3	3	-	-	3	2	2	3	3	3	5	6	7	8	5	4	3
8	3	3	3	2	2	3	7	10	9	6	6	5	5	4	2	5	6	5	5	6	6	6	7	7
9	5	4	2	2	2	2	2	3	4	4	2	2	2	3	3	3	3	3	2	2	2	2	2	3
10	4	3	3	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	4	7	7	7	12
11	11	10	11	10	9	9	10	11	11	8	3	2	2	2	2	2	2	4	7	8	14	15	20	21
12	19	21	21	21	21	23	28	39	37	6	5	3	3	3	3	3	4	5	8	6	8	9	8	5
13	4	4	3	4	4	4	8	13	15	7	3	2	3	3	3	3	3	3	2	2	1	2	2	1
14	1	0	0	0	0	2	2	3	2	2	2	-	-	2	2	2	3	4	7	4	4	6	11	9
15	3	2	4	4	3	4	9	8	7	3	3	3	3	2	3	3	3	4	3	3	3	3	3	3
16	3	3	3	2	1	2	1	2	2	2	2	2	2	2	2	3	3	3	4	6	6	4	8	11
17	14	14	13	12	11	6	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	4	3	4
18	3	3	3	1	3	5	8	11	7	2	2	-	2	2	3	3	3	3	3	5	4	4	5	7
19	6	3	3	3	3	5	9	14	10	5	5	5	4	5	4	5	5	5	5	5	6	6	6	5
20	4	3	3	3	4	7	5	7	7	6	7	10	5	8	8	9	7	6	7	14	7	6	4	3
21	3	3	1	1	1	3	6	7	6	3	3	3	-	-	3	3	4	4	4	4	4	4	3	4
22	3	3	2	3	3	4	4	7	12	5	3	3	3	3	3	3	3	3	3	3	4	4	4	4
23	3	3	3	3	4	4	4	5	5	5	5	3	2	2	2	3	4	5	12	17	17	22	29	39
24	34	10	6	3	2	3	3	4	4	3	4	4	3	3	4	4	4	5	5	5	4	5	5	3
25	3	2	2	2	3	3	7	7	7	6	7	-	5	5	6	6	7	6	6	5	5	9	12	12
26	14	17	8	3	3	5	8	11	9	6	3	3	2	2	3	3	5	4	6	7	8	10	14	14
27	7	8	6	5	6	8	17	26	16	6	3	3	2	2	3	3	3	4	8	13	17	16	17	10
28	5	4	4	4	4	4	5	6	7	6	4	3	3	-	3	4	4	5	5	6	4	4	4	4
29	3	4	2	3	3	4	4	6	8	6	6	5	5	3	4	7	7	10	7	5	5	5	8	8
30	7	9	9	9	7	7	8	13	8	9	9	10	11	9	11	8	15	17	19	15	9	7	6	9
31	9	9	7	7	5	4	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	4	6	9
MEAN	11	10	9	8	8	8	9	12	10	5	4	4	3	3	3	4	5	5	6	7	8	8	10	11

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK														MONTH - NOV 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	2	2	1	1	1	4	8	19	6	2	2	2	1	1	1	4	12	9	13	16	19	23	31	8
2	29	26	22	17	16	16	19	27	44	28	11	9	7	7	5	5	5	6	8	6	6	6	8	8	14
3	7	10	7	6	6	5	5	10	14	12	10	10	7	5	5	4	4	5	10	13	22	22	25	34	11
4	42	45	46	41	3	3	6	16	21	28	7	5	-	3	4	6	6	5	5	4	3	4	5	6	14
5	5	4	3	4	6	5	6	10	13	9	9	7	6	5	4	4	4	5	8	7	8	6	5	4	6
6	3	3	4	3	3	3	3	3	2	2	2	2	3	3	3	3	3	4	4	4	6	6	6	3	3
7	3	3	3	1	2	1	1	1	1	0	0	1	1	1	1	1	1	2	2	3	5	2	2	3	2
8	1	1	1	1	1	1	2	7	6	2	2	2	1	-	2	2	3	3	3	4	5	5	4	4	3
9	4	4	4	3	4	4	5	14	4	4	3	3	5	5	6	5	5	8	8	7	7	7	8	8	6
10	9	7	6	7	5	3	4	9	12	9	4	4	3	3	3	3	4	4	5	5	4	4	3	2	5
11	3	3	3	2	1	2	3	8	6	3	2	2	2	2	3	3	4	5	4	4	5	5	8	8	4
12	6	5	3	2	3	3	6	13	16	10	5	2	-	3	3	3	5	5	5	6	7	6	5	6	6
13	5	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	4	4	5	6	5	4	4	3
14	3	3	4	3	1	3	3	3	3	2	2	2	2	2	2	2	3	3	6	12	16	18	22	27	6
15	20	14	18	13	13	14	19	31	44	37	13	14	5	-	4	3	6	11	15	16	13	15	20	21	16
16	21	23	22	19	18	18	20	29	45	19	11	6	5	3	5	5	6	8	8	9	14	10	10	12	14
17	11	9	8	8	10	10	10	13	15	12	10	8	6	6	6	7	7	5	5	4	5	5	4	3	8
18	4	4	3	3	4	5	6	9	12	9	4	3	3	3	3	4	5	6	5	4	4	4	5	7	5
19	7	7	5	5	5	5	6	8	10	8	4	3	3	3	3	3	5	4	3	5	4	5	3	3	5
20	3	3	3	2	1	1	2	2	2	2	2	2	3	3	2	3	3	4	4	4	4	4	3	3	3
21	4	3	1	1	1	1	1	1	1	2	5	3	2	2	0	1	2	2	2	2	3	2	3	2	2
22	3	2	2	2	1	1	3	5	6	5	3	-	-	4	4	5	5	5	4	3	3	2	3	2	3
23	3	2	2	2	2	2	2	3	5	3	3	3	2	2	2	3	3	4	3	2	2	2	2	2	3
24	2	2	2	2	1	2	2	5	6	6	4	3	3	3	3	3	5	6	6	6	6	5	6	5	4
25	4	4	4	3	2	2	3	6	10	17	19	10	8	9	9	12	16	14	9	9	8	6	6	8	8
26	7	5	6	7	6	4	4	6	7	6	5	5	6	5	5	6	6	7	6	6	5	5	6	6	6
27	7	4	4	3	2	2	2	3	3	3	3	4	1	1	1	2	2	2	4	3	2	2	2	2	3
28	2	2	3	2	2	1	1	1	1	1	1	3	2	1	1	1	2	2	2	2	2	2	1	1	2
29	1	1	1	1	1	1	1	2	3	3	1	1	-	-	2	3	3	3	3	3	3	3	2	3	2
30	3	3	3	3	3	3	3	4	5	5	4	2	3	3	3	3	3	4	3	3	4	3	3	3	3
MEAN	8	7	7	6	4	4	5	9	11	9	5	4	4	3	3	4	4	5	5	6	7	6	7	8	5.9

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
	STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK													MONTH - DEC 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	3	3	3	3	3	3	7	10	9	10	6	4	5	5	5	5	5	6	6	5	5	5	6	5	
2	5	5	3	3	3	3	4	4	7	4	3	2	2	2	2	2	2	3	5	5	5	5	4	5	4	
3	6	4	3	3	2	3	5	12	23	27	-	15	11	9	7	3	5	8	9	10	13	17	12	5	9	
4	4	3	3	2	2	2	3	3	6	7	7	7	8	8	7	7	8	9	11	15	18	15	7	6	7	
5	6	4	4	3	3	3	4	3	3	3	3	3	3	3	3	4	5	8	12	13	14	15	27	28	7	
6	27	23	23	24	26	13	4	4	4	4	4	4	4	4	-	-	9	11	8	10	11	3	3	4	10	
7	7	6	9	7	5	7	6	4	2	2	2	2	2	2	2	3	4	4	4	3	4	3	3	4	4	
8	3	3	3	2	2	2	3	6	11	10	8	10	8	6	5	10	13	6	5	4	4	4	4	4	6	
9	4	3	2	2	2	2	3	7	10	7	7	9	9	12	10	5	9	13	15	16	6	5	4	4	7	
10	4	5	4	4	5	7	13	23	9	9	-	-	-	-	10	-	5	4	4	3	3	3	2	2	6	
11	2	1	1	1	1	2	2	3	3	4	3	2	3	4	3	3	4	5	3	3	4	4	4	4	3	
12	4	4	4	5	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	2	2	2	4	
13	2	1	2	2	1	2	2	3	3	2	2	-	-	4	4	6	8	14	23	20	17	14	13	10	7	
14	10	9	8	4	4	3	4	5	6	7	5	5	4	6	4	5	4	4	3	3	3	3	3	3	5	
15	4	3	4	4	5	4	5	8	9	9	7	5	6	6	6	8	9	13	26	31	35	40	-	56	13	
16	61	61	59	58	53	48	27	24	24	20	20	18	16	-	15	13	15	12	11	12	8	7	6	5	26	
17	5	4	4	3	4	4	4	4	5	7	7	7	8	6	4	3	4	3	3	3	3	3	3	2	4	
18	2	2	2	2	0	-	0	0	0	2	2	2	2	2	3	3	7	10	9	7	7	7	5	4	3	
19	9	13	14	14	20	24	28	31	34	35	32	13	9	7	8	10	19	22	33	39	43	48	52	53	25	
20	50	21	15	12	8	6	5	7	11	17	26	29	19	-	4	2	2	1	1	1	1	1	1	1	10	
21	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	3	3	3	3	3	2	
22	3	2	2	2	2	1	1	3	3	5	5	4	4	4	4	4	5	3	3	3	3	3	3	4	3	
23	3	3	3	3	3	3	3	4	5	5	4	3	3	2	2	3	6	6	5	4	3	2	2	3	3	
24	3	2	1	1	1	2	3	4	-	5	4	2	3	3	4	5	4	3	3	2	3	3	3	3	3	
25	4	4	4	4	5	4	4	4	4	4	3	-	4	4	4	4	3	3	6	9	7	6	6	5	5	
26	7	5	3	2	2	3	3	3	4	3	3	3	4	4	3	3	3	6	5	3	2	2	2	2	3	
27	2	2	2	0	1	2	2	2	3	3	4	4	3	4	4	3	4	3	3	4	8	9	7	6	4	
28	5	4	3	2	2	2	3	4	4	4	4	5	5	6	5	6	8	9	8	7	6	6	6	5	5	
29	6	5	4	3	3	4	5	6	6	6	6	-	4	4	3	3	3	3	3	3	3	3	3	3	4	
30	3	3	3	3	3	3	3	4	6	6	6	6	5	4	4	3	4	5	8	9	9	8	6	6	5	
31	5	4	4	4	3	3	3	3	3	3	3	4	3	4	4	4	4	4	3	3	3	3	3	3	3	
MEAN	8	7	6	6	6	6	5	6	7	8	7	7	6	5	5	5	6	7	8	8	8	8	7	8	6.6	

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.1	20	46
FEB	29	6.0	18	51
MAR	31	5.1	10	38
APR	30	5.1	13	25
MAY	31	5.1	11	32
JUN	30	6.9	15	33
JUL	23	5.1	11	23
AUG	14	8.4	17	46
SEP	15	6.2	14	47
OCT	31	7.2	18	48
NOV	30	5.9	16	46
DEC	31	6.6	26	61
YEAR	326	6.1	26	61

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	470	177	55	16	7	5	0	730
FEB	431	197	36	16	5	1	1	687
MAR	524	153	50	9	3	0	0	739
APR	515	116	68	11	0	0	0	710
MAY	515	151	64	4	1	0	0	735
JUN	392	186	85	34	2	0	0	699
JUL	396	113	64	1	0	0	0	574
AUG	186	73	48	32	4	2	0	345
SEP	240	77	43	11	4	1	0	376
OCT	441	163	76	31	19	4	0	734
NOV	488	140	55	18	4	7	0	712
DEC	498	136	51	21	9	4	8	727
YEAR	5096	1682	695	204	58	24	9	7768

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.4	0	1.3	2.5	3.7	5.6	12.0	17.5	25.6	31.0	61	6.1

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	4	4	
2	5	4	4	6	5	5	6	16	28	33	16	15	17	18	26	31	24	25	21	16	12	14	15	17	16
3	12	9	7	6	5	3	3	3	6	3	4	4	5	5	4	4	7	7	7	6	5	4	4	4	5
4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	3	2	4	2
5	3	3	3	2	2	3	3	4	8	15	40	39	33	19	****	****	12	14	23	29	17	18	14	11	14
6	12	11	8	9	6	8	18	38	53	51	35	****	31	29	34	41	43	47	50	43	32	20	26	21	29
7	12	7	7	7	7	7	14	33	39	32	21	14	11	4	3	3	4	4	2	2	2	2	2	2	10
8	2	2	2	2	2	2	3	9	14	11	8	17	22	16	****	4	4	8	12	12	9	10	13	12	9
9	15	9	6	4	4	6	9	13	15	14	11	9	7	4	4	4	6	13	11	10	10	12	11	8	9
10	8	8	8	6	6	6	7	9	10	9	9	7	7	7	4	4	7	8	8	14	17	22	25	29	12
11	55	39	23	18	9	4	4	5	8	13	13	13	12	15	11	10	12	12	12	12	9	7	4	5	14
12	5	4	4	4	3	3	4	6	9	10	7	8	16	23	****	39	50	59	58	44	31	17	18	18	19
13	16	10	9	11	16	17	25	50	67	61	50	46	41	40	47	54	64	60	35	18	11	5	5	5	32
14	5	5	5	4	3	3	4	5	5	6	5	4	3	3	3	4	7	7	6	8	7	5	3	2	5
15	2	2	2	2	2	2	2	4	8	9	7	8	4	4	4	12	25	41	51	43	42	35	41	29	16
16	14	11	8	7	7	7	9	18	30	30	25	23	12	6	4	4	4	5	4	4	3	3	2	3	10
17	3	3	2	2	2	2	2	2	3	3	3	3	4	4	3	2	2	5	8	10	7	6	4	4	4
18	3	3	2	2	2	3	2	2	2	2	2	2	3	3	4	4	6	17	22	28	42	40	39	28	11
19	25	18	11	10	11	12	22	39	54	47	32	28	22	24	26	29	43	50	35	21	13	12	11	11	25
20	9	9	7	6	5	5	7	14	18	15	14	12	9	****	4	5	7	5	4	4	4	5	11	15	8
21	17	9	8	8	6	6	12	28	30	29	18	15	13	7	8	9	12	14	12	8	5	4	4	4	12
22	2	2	2	2	2	2	3	3	4	3	4	3	****	3	4	4	4	5	5	4	4	3	2	2	3
23	3	3	3	3	3	4	5	6	11	16	31	44	35	22	16	9	19	13	8	9	6	5	5	5	12
24	4	3	3	3	3	2	3	5	4	7	10	8	8	4	5	4	5	6	8	9	12	15	15	16	7
25	22	29	28	21	15	25	20	12	8	14	15	23	20	15	15	14	16	15	10	10	8	7	7	8	16
26	7	7	8	9	8	8	13	33	56	44	36	42	42	53	66	28	19	14	9	6	5	4	4	4	22
27	3	2	2	2	2	2	4	9	11	7	5	****	****	4	4	4	6	6	8	8	7	6	4	4	5
28	4	4	4	4	4	3	2	6	13	21	13	9	10	14	19	26	37	30	24	20	12	11	10	11	13
29	11	10	9	7	6	6	8	7	8	6	4	4	3	3	3	3	3	4	4	3	3	4	4	5	5
30	7	6	4	3	4	3	3	4	5	6	6	10	4	4	4	4	4	5	6	6	6	8	11	16	6
31	18	27	42	25	21	18	16	16	39	39	32	31	29	22	21	20	21	27	27	24	17	11	9	9	23
MEAN	10	9	8	6	6	6	8	13	18	18	15	15	15	13	13	13	15	17	16	14	12	11	11	11	12.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 340D7 BATHURST/WILSON, NORTH YORK													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	6	6	4	4	4	6	8	14	13	13	17	16	14	18	17	7	3	2	2	2	1	2	8
2	2	2	2	2	2	2	2	2	3	5	4	2	2	2	2	****	****	6	8	8	7	6	7	6	4
3	5	5	5	5	6	7	13	35	47	27	****	15	20	19	16	14	25	29	32	28	15	11	24	33	19
4	34	22	13	11	11	10	15	24	18	7	6	5	4	4	4	4	4	5	7	7	8	10	10	10	11
5	12	8	6	9	14	18	19	40	57	59	36	31	29	21	8	9	12	55	50	41	31	17	11	11	25
6	12	12	10	11	11	9	7	11	10	6	5	8	6	7	****	****	****	****	****	****	****	****	****	****	****
7																									
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22																									
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	20	13	10	6	6	8	12	39	42	33	26	24	24	17	****	17	19	20	29	26	21	18	16	46	21
25	52	31	23	15	18	20	24	61	73	55	33	22	12	15	21	20	20	30	30	26	28	13	14	14	28
26	14	16	6	7	16	18	30	47	53	105	50	34	35	35	44	42	25	15	12	8	6	6	6	4	26
27	5	4	2	2	1	1	3	5	7	4	3	3	3	3	3	6	7	9	42	44	42	25	12	13	10
28	15	15	18	7	3	2	2	2	2	2	2	2	2	2	3	3	5	28	38	35	27	18	19	18	11
29	19	17	13	8	5	6	4	14	15	16	9	11	9	5	3	3	3	3	3	4	4	4	4	4	8
MEAN	17	13	10	7	8	9	11	24	28	28	17	14	14	12	12	14	16	20	23	20	17	12	11	15	15.5

PERCENTAGE OF DATA VALID - 40.5

PERCENTAGE OF DATA INVALID - 59.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	2	1	1	3	3	4	4	4	3	26	32	30	29	32	43	43	28	19	17	11	9	9	15
2	6	5	4	3	4	4	9	14	15	16	12	6	9	9	14	14	18	23	16	14	10	8	7	5	10
3	6	4	4	4	3	5	9	15	23	27	30	29	29	34	38	41	44	45	31	28	23	23	25	14	22
4	9	10	10	9	6	3	4	7	31	45	34	30	28	33	33	39	38	32	22	19	14	14	14	15	21
5	14	12	9	9	11	19	33	58	82	53	32	23	16	9	4	2	3	2	2	2	2	1	1	1	17
6	1	1	1	1	1	3	6	11	9	4	2	2	2	2	2	2	2	3	3	14	20	18	14	9	6
7	8	4	2	1	1	1	1	1	1	1	1	1	2	2	2	0	1	1	1	2	1	1	2	3	2
8	1	1	1	1	1	1	3	3	3	4	2	2	2	2	2	1	2	6	5	4	4	5	7	22	4
9	30	30	39	34	26	31	56	88	47	31	23	23	22	20	22	28	30	37	34	28	21	9	9	13	30
10	13	7	5	5	5	11	26	45	39	31	21	26	33	30	31	38	45	39	25	8	3	2	1	2	20
11	2	2	1	1	1	2	4	6	5	2	2	2	2	2	2	2	3	3	5	4	5	10	14	37	5
12	33	24	18	16	9	8	20	29	26	18	17	***	17	17	19	26	32	34	32	29	33	18	10	22	22
13	8	9	10	3	2	3	4	5	6	7	3	3	2	2	3	3	2	2	2	2	3	3	4	4	4
14	3	8	14	10	5	3	5	7	6	7	6	7	4	6	13	9	5	5	7	6	8	8	5	7	7
15	1	1	1	1	1	1	3	4	4	2	2	2	2	2	2	2	2	3	4	5	5	6	21	27	4
16	18	13	10	8	8	6	18	42	24	25	25	22	10	5	4	***	5	6	4	2	1	2	1	1	11
17	1	1	1	1	0	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	3	3	4	4	2
18	12	11	9	12	19	21	44	62	49	37	36	37	25	28	32	33	38	42	33	26	21	23	23	20	29
19	19	14	17	21	20	33	48	54	59	31	16	21	23	25	23	24	19	28	30	30	27	20	19	18	27
20	19	16	16	11	7	8	12	17	19	18	19	20	18	20	24	23	28	26	23	19	17	16	7	8	17
21	10	10	4	3	3	1	1	1	2	4	3	1	2	2	2	2	2	1	1	1	1	1	1	1	3
22	1	1	1	1	1	1	2	2	4	2	2	4	5	22	25	25	36	39	34	9	5	15	18	13	11
23	14	6	5	4	6	9	18	28	36	18	9	4	5	7	9	***	24	30	24	20	19	25	33	23	16
24	21	12	12	12	12	13	24	44	38	20	18	27	24	15	14	24	30	33	31	27	15	13	12	11	21
25	2	2	1	1	4	10	28	46	32	3	2	2	2	2	2	2	2	2	3	4	3	4	5	7	7
26	8	19	18	20	19	25	46	64	42	31	29	30	28	32	32	39	47	43	46	46	50	53	65	37	37
27	57	50	30	32	24	9	9	14	14	17	19	21	21	17	17	19	17	20	14	3	2	2	2	2	18
28	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	5	5	7	9	6	3
29	7	6	4	6	9	7	18	39	39	26	23	25	20	20	20	25	-	32	24	18	11	11	10	7	18
30	6	3	3	3	3	5	15	29	33	26	21	19	6	8	11	24	33	32	26	28	37	35	31	28	19
31	11	8	7	5	6	7	21	33	36	39	27	19	32	55	41	-	61	50	29	22	19	16	15	7	25
MEAN	11	9	8	8	7	8	16	25	24	18	14	15	14	15	16	18	21	22	17	14	13	13	13	13	14.6

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	3	7	18	25	27	15	19	22	21	17	20	20	26	27	29	28	23	24	12	5	17
2	5	5	3	3	3	3	3	4	3	4	2	2	3	2	2	-	2	2	2	3	4	3	3	3	3
3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1
4	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
5	1	1	1	1	1	1	3	3	2	2	1	1	1	1	1	2	2	2	2	5	7	17	22	8	4
6	7	2	2	2	2	3	5	4	4	3	3	2	2	-	-	2	2	2	2	2	2	3	4	3	3
7	4	4	2	2	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	2
8	2	3	2	2	1	2	2	3	3	2	2	1	2	2	2	2	2	2	2	3	2	1	1	1	2
9	1	1	1	1	1	2	6	4	4	2	2	2	2	2	1	-	-	-	-	-	-	-	-	-	*****
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30																									
MEAN	3	2	2	2	1	2	4	5	5	3	4	4	4	4	4	4	5	5	5	6	6	7	6	3	3.9

PERCENTAGE OF DATA VALID - 28.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 71.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	10	10	8	7	6	4	4	*****
6	2	2	2	2	1	2	3	7	5	4	4	4	5	4	4	15	10	17	25	22	13	17	13	12	8
7	4	2	2	1	2	2	3	3	3	3	3	3	3	2	4	4	4	3	3	3	3	3	4	6	3
8	3	2	1	2	2	2	3	2	4	2	3	2	3	3	2	3	3	3	3	9	21	14	13	11	5
9	9	8	5	4	4	6	9	13	23	17	13	19	15	5	4	4	4	4	6	7	10	15	16	37	11
10	40	42	37	36	32	61	74	53	37	31	-	19	24	23	27	22	16	14	16	14	15	22	18	15	30
11	11	1	1	1	1	4	30	30	29	41	25	45	34	-	7	6	3	3	3	2	3	2	3	3	13
12	2	2	2	2	2	4	5	3	4	3	3	4	4	4	4	6	4	4	4	6	7	9	14	9	5
13	9	7	8	5	11	25	44	13	16	24	26	26	24	19	29	32	30	29	37	36	26	27	34	30	24
14	25	17	11	12	21	35	58	56	43	39	50	38	34	41	20	17	6	7	8	9	13	10	11	13	25
15	19	24	28	14	8	8	4	8	23	20	20	18	14	18	16	20	22	22	23	25	20	17	18	15	18
16	10	6	4	4	4	5	6	8	14	19	18	26	34	30	22	19	22	29	23	28	27	34	26	22	18
17	15	9	9	7	9	22	37	45	34	32	15	14	12	10	-	12	3	2	2	2	2	1	1	0	13
18	0	0	0	0	0	-	2	3	2	2	2	2	3	2	3	2	3	2	1	2	2	3	3	2	2
19	3	2	2	2	2	2	4	4	3	2	-	3	3	2	3	2	3	2	2	1	2	2	2	2	2
20	3	2	2	2	2	4	5	7	4	2	2	2	3	2	2	2	3	2	3	4	12	26	33	6	6
21	2	3	2	2	3	2	4	2	2	2	2	2	2	2	2	3	3	2	2	2	2	4	3	3	2
22	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
23	3	2	3	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	3	2	3	2	3	2
24	2	2	2	3	3	3	2	2	2	2	1	2	2	2	2	4	24	24	20	3	3	4	20	18	6
25	14	6	5	4	4	15	53	48	37	29	25	18	22	-	6	36	17	6	3	5	4	4	3	2	16
26	1	2	1	3	3	8	7	7	15	10	17	11	30	-	17	9	4	3	5	8	9	10	8	9	9
27	8	7	5	4	8	13	7	5	3	2	2	4	22	23	26	28	29	25	26	29	37	34	18	10	16
28	5	13	19	25	48	68	62	46	37	31	27	23	27	-	35	42	34	35	35	35	35	32	24	21	33
29	16	13	11	28	22	26	25	29	28	24	20	18	17	15	16	17	19	18	21	21	16	23	24	31	21
30	31	20	8	7	6	7	7	7	7	10	10	12	15	14	15	13	14	16	15	15	17	14	13	8	13
31	5	4	3	5	9	30	38	36	36	27	27	28	24	25	27	32	34	32	6	6	6	6	5	2	19
MEAN	9	8	7	7	8	14	19	17	16	15	13	13	15	11	12	14	12	12	11	11	12	13	12	11	12.2

PERCENTAGE OF DATA VALID - 84.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 15.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	2	3	10	7	3	16	16	28	23	25	25	21	23	29	32	29	28	30	15
2	23	19	11	6	5	8	14	39	24	19	18	16	20	19	23	28	27	22	21	26	30	38	33	23	21
3	15	11	7	7	5	6	9	7	4	6	5	7	8	15	22	24	25	23	22	22	19	25	22	21	14
4	14	6	2	2	1	2	20	36	24	17	17	16	17	20	24	23	24	26	25	29	35	25	26	41	20
5	27	7	6	4	2	9	3	3	9	15	15	14	12	11	10	10	13	14	15	16	16	16	15	12	
6	12	5	2	2	2	1	2	2	1	1	0	0	0	0	0	0	0	1	1	4	9	1	1	2	
7	0	1	4	5	3	4	4	4	3	1	1	1	1	1	1	1	1	1	2	3	4	4	3	3	
8	1	1	1	2	2	3	5	5	4	1	1	1	1	1	1	1	1	1	1	2	3	4	6	2	
9	9	5	3	1	0	1	1	3	4	3	0	11	14	15	16	20	22	20	21	21	24	26	30	22	12
10	15	14	11	8	7	10	8	14	12	13	14	9	6	4	2	2	4	3	4	6	7	16	17	8	9
11	4	3	2	2	1	2	4	9	19	4	2	3	1	1	1	1	1	1	1	1	2	2	1	1	3
12	1	1	1	1	1	1	8	11	14	15	14	14	15	14	14	14	14	15	16	18	18	19	19	17	11
13	12	7	5	3	3	4	6	8	10	11	11	11	12	13	15	14	16	17	16	20	22	20	18	6	12
14	5	4	3	3	8	38	42	30	24	19	16	14	16	-	24	14	12	7	7	9	20	12	11	15	
15	9	10	8	7	12	37	36	20	19	5	6	9	15	16	17	24	22	18	17	14	14	13	9	5	15
16	6	4	2	3	5	13	25	29	10	6	5	10	18	19	25	16	27	29	8	8	8	7	7	2	12
17	1	1	1	1	1	1	2	3	3	2	0	0	1	2	1	1	2	2	10	20	28	35	32	23	7
18	8	14	24	29	13	7	42	47	30	24	23	-	26	29	31	36	34	29	29	30	28	26	23	21	26
19	19	16	7	4	4	16	16	17	16	17	18	19	18	18	19	18	16	5	1	1	1	1	1	2	11
20	4	3	0	0	0	0	0	0	0	0	1	1	1	1	1	1	3	12	19	29	20	16	12	3	5
21	1	1	1	1	3	2	12	30	38	21	21	18	19	20	22	23	25	22	21	19	17	15	18	5	16
22	4	4	5	4	2	2	4	6	22	29	23	16	17	16	17	21	22	21	19	19	24	31	35	33	17
23	19	15	8	10	8	9	5	7	35	23	18	15	18	-	22	32	31	27	28	25	27	10	7	4	18
24	3	3	8	9	8	36	49	42	41	31	31	32	28	25	32	36	35	27	20	16	17	16	15	12	24
25	8	1	1	1	1	3	4	4	2	2	2	3	3	2	2	3	3	2	2	3	4	4	2	6	3
26	3	1	1	1	1	2	3	2	3	5	3	3	9	6	4	4	13	2	2	15	19	16	12	10	6
27	9	7	1	0	1	4	0	0	0	0	0	0	-	14	13	13	12	13	15	26	13	8	7	7	
28	4	1	1	1	1	3	4	2	2	2	2	2	4	13	47	42	8	4	3	29	27	25	20	14	11
29	9	11	10	13	17	8	46	11	3	3	5	17	17	25	-	30	34	38	28	37	32	26	23	50	21
30	44	25	13	8	10	27	37	21	23	18	20	20	23	24	26	25	22	19	21	17	15	19	21	17	21
MEAN	10	7	5	5	4	9	14	14	14	11	10	10	12	13	16	17	16	15	14	17	17	17	16	14	12.3

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - JUL 76

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
1	13	6	7	10	12	31	27	19	19	21	12	6	1	2	3	0	0	0	0	2	3	2	2	4	8
2	2	1	1	1	2	4	8	7	2	3	3	3	3	3	2	2	2	1	2	1	1	1	1	1	2
3	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	3	3	4	7	9	4	5	4	3
4	4	3	2	1	0	0	0	2	2	5	4	13	13	8	10	9	9	5	6	30	28	14	3	2	7
5	1	1	6	1	3	26	15	11	7	4	4	2	2	2	-	31	35	28	24	23	12	13	14	12	12
6	6	1	1	1	5	11	70	59	31	21	12	20	22	22	23	28	19	6	25	8	21	34	34	25	21
7	18	14	10	10	17	35	12	8	5	21	29	30	31	24	22	21	9	17	20	21	25	29	22	10	19
8	12	12	9	3	3	3	6	3	2	3	2	2	2	2	-	2	2	2	2	2	3	3	2	2	4
9	2	3	3	2	3	4	6	4	3	1	1	1	2	2	28	30	25	26	25	27	28	25	17	8	12
10	11	32	21	13	14	16	20	23	22	17	16	16	17	16	16	19	18	21	18	16	15	14	14	13	17
11	19	10	12	5	7	11	4	1	1	1	1	1	3	1	0	0	0	0	0	0	1	1	1	0	3
12	0	0	0	0	0	0	2	2	2	2	1	1	1	1	2	2	2	2	2	1	0	0	0	0	1
13	0	0	0	0	0	1	2	-	1	2	1	1	1	1	1	1	1	2	2	2	2	3	2	2	1
14	1	1	1	2	1	3	5	5	3	4	4	5	4	3	3	3	12	21	39	43	41	38	28	14	12
15	12	6	6	6	6	12	68	50	37	29	24	24	-	-	28	38	38	31	32	35	36	29	27	28	27
16	24	18	10	9	7	6	13	49	31	20	11	8	3	2	2	2	2	1	1	2	2	1	1	1	9
17	1	1	0	0	0	0	1	1	1	0	0	0	1	1	3	2	2	1	2	2	2	3	5	8	2
18	4	1	1	1	1	1	2	2	2	2	2	2	0	0	0	0	0	0	1	2	12	20	21	11	4
19	4	2	3	2	2	3	7	7	10	14	17	23	24	24	23	31	38	12	8	11	10	8	6	5	12
20	4	3	3	4	6	23	44	39	22	25	31	22	25	31	34	22	20	16	12	16	6	9	6	3	18
21	1	1	0	1	0	2	2	8	22	24	23	21	22	25	27	28	28	29	28	18	11	5	7	7	14
22	5	9	8	5	9	24	47	41	34	23	20	18	20	-	24	30	31	25	24	24	24	27	28	22	23
23	11	9	9	9	5	11	58	53	45	38	40	38	41	42	41	34	35	31	30	27	19	16	15	9	28

- DATA INVALID -

MEAN	7	6	5	4	4	10	17	17	13	12	12	11	11	10	13	14	14	12	12	13	13	13	12	9	11.0
------	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	------

PERCENTAGE OF DATA VALID - 93.8

PERCENTAGE OF DATA INVALID - 5.1

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.       " - " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - SEP 76

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA	UNAVAILABLE	-										
2												-	DATA	UNAVAILABLE	-										
3												-	DATA	UNAVAILABLE	-										
4												-	DATA	UNAVAILABLE	-										
5												-	DATA	UNAVAILABLE	-										
6												-	DATA	UNAVAILABLE	-										
7												-	DATA	UNAVAILABLE	-										
8												-	DATA	UNAVAILABLE	-										
9												-	DATA	UNAVAILABLE	-										
10												-	DATA	UNAVAILABLE	-										
11												-	DATA	UNAVAILABLE	-										
12												-	DATA	UNAVAILABLE	-										
13												-	DATA	UNAVAILABLE	-										
14												-	DATA	UNAVAILABLE	-										
15												-	DATA	UNAVAILABLE	-										
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	52	44	37	33	18	35	23	*****
17	18	12	10	8	12	6	34	41	31	41	35	36	17	-	24	39	52	47	22	9	7	7	6	6	23
18	6	6	5	4	4	4	5	5	5	5	5	5	5	5	6	5	5	5	8	13	14	7	5	6	6
19	6	5	5	5	3	4	4	5	5	5	5	13	7	6	6	8	25	5	9	13	10	23	19	10	9
20	9	12	11	10	15	23	55	59	46	52	34	7	5	4	4	3	4	3	3	3	3	3	2	2	16
21	2	3	3	1	3	5	12	17	12	5	4	7	12	28	36	44	50	20	8	18	10	4	4	4	13
22	4	4	8	7	5	9	18	22	18	6	6	7	4	3	3	3	4	4	4	6	7	8	17	20	8
23	26	23	21	16	19	20	37	40	43	35	22	7	4	4	-	4	4	4	5	6	6	5	2	2	15
24	2	2	2	2	4	7	16	46	27	6	3	3	4	3	4	25	55	52	52	45	44	39	42	41	22
25	29	15	16	12	11	15	29	40	25	13	6	9	12	5	4	4	4	5	4	5	5	8	5	6	12
26	7	6	6	8	12	14	16	19	18	26	29	37	40	43	42	24	8	7	7	7	7	7	6	5	17
27	3	3	3	3	3	4	6	6	6	8	46	12	34	-	6	6	7	19	37	28	5	4	3	2	11
28	3	2	2	3	4	5	6	9	5	3	3	3	3	5	15	44	54	48	52	53	38	31	20	18	18
29	12	10	7	9	9	16	29	36	25	15	8	9	7	-	4	8	5	5	7	20	26	49	46	33	17
30	21	10	6	7	7	14	26	24	24	38	36	34	33	27	25	17	53	53	57	55	55	42	44	70	32
MEAN	11	8	8	7	8	10	21	26	21	18	17	13	13	12	14	17	26	22	21	21	18	17	17	17	16.3

PERCENTAGE OF DATA VALID - 47.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 52.8

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.       "- " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	66	32	23	20	16	12	31	24	57	53	47	35	38	43	40	40	54	64	71	69	65	53	42	50	44
2	57	45	27	15	11	11	13	14	15	37	30	21	22	22	25	29	34	49	62	62	74	72	56	43	35
3	33	22	14	7	6	4	4	5	6	12	16	21	18	26	27	28	33	41	49	38	33	29	32	28	22
4	40	26	17	11	7	8	58	101	97	59	45	39	35	36	-	-	47	52	56	59	51	37	51	35	44
5	40	23	19	22	25	40	83	101	95	48	34	30	25	25	33	41	54	55	58	53	54	56	39	23	45
6	16	9	7	7	8	14	34	61	74	47	33	30	30	31	34	-	39	41	37	22	7	4	4	3	26
7	3	3	3	3	2	2	3	4	4	4	4	4	4	4	4	4	5	5	8	9	5	4	4	4	4
8	4	4	2	3	3	3	3	4	6	6	5	5	6	6	5	5	6	6	6	7	6	6	6	6	5
9	6	3	4	4	3	3	3	3	3	3	3	3	3	3	3	5	3	4	3	3	2	2	2	2	3
10	4	2	2	1	1	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	5	6	5	8	3
11	9	9	6	4	5	10	11	14	15	17	13	16	23	28	28	31	33	46	54	56	61	60	46	42	27
12	27	19	22	32	40	60	94	94	92	47	33	29	27	29	33	35	38	40	39	36	37	32	21	16	41
13	14	12	10	9	8	19	35	27	17	10	5	4	4	4	4	4	4	4	4	6	4	5	6	4	9
14	3	2	1	1	1	1	3	5	5	4	4	3	3	3	3	4	5	9	14	15	14	28	40	25	8
15	10	7	11	12	21	45	72	47	16	11	12	9	4	4	4	4	4	4	4	4	4	3	3	3	13
16	3	7	3	2	1	1	2	3	3	3	3	3	3	3	3	3	4	4	5	6	4	4	6	8	4
17	11	10	9	6	6	3	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	2	4
18	2	3	3	2	2	5	10	12	7	2	2	3	3	3	4	4	4	4	6	5	5	6	7	6	5
19	7	9	8	9	13	37	78	-	61	54	40	38	40	43	48	46	46	53	44	41	36	36	32	24	37
20	18	9	7	8	18	34	82	81	79	70	64	56	50	50	65	71	70	59	19	12	9	7	6	6	40
21	4	3	3	2	2	4	6	10	9	6	3	3	4	3	4	5	8	15	14	12	12	8	5	7	7
22	7	5	3	3	3	3	4	7	9	5	3	3	-	3	5	5	4	4	6	7	7	11	7	5	5
23	5	4	6	4	6	6	9	15	20	17	7	4	4	3	3	4	4	7	13	18	23	31	28	24	11
24	46	48	29	13	6	5	6	9	13	15	16	21	27	28	31	32	31	19	8	6	6	5	4	4	18
25	3	3	3	3	3	3	4	6	7	6	6	5	5	5	5	6	6	6	6	5	5	6	10	13	5
26	10	7	4	4	3	3	4	5	5	5	4	4	4	4	4	4	4	5	5	3	3	4	6	8	5
27	7	7	8	7	6	7	9	13	12	6	4	4	4	4	4	4	5	6	7	8	11	12	11	15	8
28	7	4	6	7	5	8	18	29	28	22	17	11	6	6	7	7	13	15	16	18	15	12	10	10	12
29	9	7	5	5	6	10	18	27	25	17	20	20	14	7	6	6	7	12	26	21	21	21	24	31	15
30	35	38	23	12	11	12	17	30	41	30	24	28	37	41	38	31	34	46	48	43	43	24	9	12	29
31	27	29	19	11	7	6	6	5	5	5	5	4	4	4	4	4	4	3	4	4	3	4	6	6	7
MEAN	17	13	10	8	8	12	23	25	27	20	16	15	15	15	16	16	20	22	22	21	20	19	17	15	17.3

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	2	3	3	4	5	10	16	13	6	5	4	4	4	4	4	8	10	11	13	16	15	12	11	8
2	11	10	10	9	12	24	44	70	91	78	62	59	46	42	40	42	49	42	26	27	28	25	27	16	37
3	16	22	24	20	16	16	27	58	67	54	35	31	37	34	-	19	21	20	22	17	22	38	81	94	34
4	99	93	67	40	17	6	5	8	16	50	85	66	48	41	41	22	17	43	44	39	28	25	26	24	40
5	21	15	13	9	8	10	20	49	62	57	38	19	15	13	9	7	7	10	9	9	10	12	12	13	19
6	10	8	8	8	5	5	5	9	12	13	11	9	7	5	8	8	9	11	14	18	26	24	13	7	11
7	7	5	4	4	4	3	4	3	4	4	3	3	3	3	3	3	3	4	4	4	5	5	3	4	4
8	4	3	3	3	3	4	4	6	8	7	4	3	4	3	3	3	4	5	6	5	6	5	7	7	5
9	9	10	7	5	6	9	16	45	49	28	31	30	26	28	30	36	40	49	53	41	36	25	21	21	27
10	16	10	6	6	5	5	4	6	11	13	-	-	-	6	5	5	5	5	5	6	4	6	5	4	7
11	5	4	4	4	4	3	4	10	13	7	5	3	3	3	4	7	6	8	9	9	9	7	8	8	6
12	7	5	4	4	4	4	7	12	14	15	8	5	5	5	5	5	5	7	6	7	7	6	6	7	7
13	6	6	6	7	5	4	3	3	3	4	6	4	3	3	3	4	5	5	8	18	17	13	7	8	6
14	8	4	4	3	3	3	3	5	9	8	6	4	4	4	4	5	5	5	6	11	14	39	50	54	11
15	34	27	24	15	13	10	11	10	18	18	13	14	21	6	5	8	14	16	16	15	19	17	14	15	15
16	15	17	17	12	8	6	10	17	20	16	10	13	41	46	48	-	40	33	23	21	26	23	24	34	23
17	37	17	10	11	25	26	61	84	59	42	32	40	34	-	35	44	47	38	27	18	11	16	7	4	32
18	4	5	7	6	6	8	25	48	17	10	5	3	3	3	5	7	12	25	31	23	11	22	24	33	14
19	26	19	9	7	12	15	20	38	31	12	6	4	5	5	3	3	5	6	5	6	6	6	3	5	11
20	5	5	3	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	4	3	3	4
21	3	3	2	1	2	3	3	2	3	6	6	4	2	3	3	3	4	4	4	3	4	3	4	3	3
22	4	4	2	2	1	1	2	4	6	5	4	3	3	3	5	-	6	6	9	6	3	4	3	4	4
23	4	4	3	3	3	3	4	5	7	6	4	4	3	3	3	4	4	6	5	4	5	6	5	6	4
24	6	4	3	3	3	3	4	6	12	20	12	12	8	6	11	13	10	12	13	14	12	14	13	11	9
25	9	7	6	5	6	10	22	44	47	59	62	68	45	46	51	63	73	59	45	38	31	33	35	33	37
26	30	21	23	27	13	15	22	47	54	49	40	42	40	46	49	-	40	29	23	20	29	23	24	32	32
27	29	23	15	11	8	6	8	13	15	22	20	9	5	4	3	3	3	3	4	4	3	3	4	5	9
28	9	10	7	5	4	3	3	3	4	3	3	3	3	2	2	2	2	2	2	3	2	2	2	2	3
29	1	2	2	1	1	1	2	5	6	5	4	3	3	3	-	3	4	8	12	10	8	7	8	7	5
30	6	5	5	4	4	7	9	21	36	20	12	13	9	7	7	7	5	7	5	5	7	11	10	9	10
MEAN	15	12	10	8	7	7	12	21	24	22	16	17	15	13	14	12	15	16	15	14	14	15	15	16	14.5

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	6	4	4	5	7	10	25	31	53	38	46	28	30	33	33	38	34	22	19	15	14	15	14	22
2	13	9	5	4	4	5	7	5	6	5	3	1	2	2	2	2	3	4	5	5	8	8	9	9	5
3	7	5	3	3	3	4	6	13	23	38	38	37	32	31	15	14	10	29	15	11	11	14	15	20	17
4	15	16	12	7	7	7	9	16	18	7	9	11	12	7	6	6	6	7	37	41	35	14	12	9	14
5	11	11	11	6	5	6	6	8	8	8	9	4	5	7	11	8	15	30	46	41	38	33	20	20	15
6	29	28	30	19	24	37	37	36	48	43	39	37	40	41	40	40	53	62	48	35	44	25	18	14	36
7	16	19	21	14	12	11	9	8	6	5	4	3	4	4	4	3	-	5	6	6	6	4	3	3	8
8	3	3	3	4	4	4	4	5	8	11	12	23	42	38	37	-	-	35	19	13	13	9	5	4	14
9	3	2	2	3	1	1	2	5	7	5	3	4	15	24	41	-	47	44	42	43	49	43	24	22	19
10	18	16	12	11	14	20	32	62	71	59	-	23	19	28	30	29	34	19	14	12	10	6	3	3	24
11	3	1	1	1	1	2	4	10	9	5	4	5	10	19	29	34	35	28	30	29	23	18	15	16	14
12	20	19	10	10	7	5	5	7	9	8	9	10	12	9	6	5	-	8	6	5	3	2	2	2	8
13	2	1	1	2	2	2	3	3	4	3	2	2	4	4	-	-	18	15	16	19	16	17	27	25	9
14	23	12	15	13	14	15	19	40	35	26	24	28	21	19	17	14	15	16	12	9	8	8	5	5	17
15	5	5	9	7	7	8	20	38	32	14	7	6	6	7	-	-	-	-	-	-	-	-	-	-	*****
16												-	DATA UNAVAILABLE	-											
17												-	DATA UNAVAILABLE	-											
18												-	DATA UNAVAILABLE	-											
19												-	DATA UNAVAILABLE	-											
20												-	DATA UNAVAILABLE	-											
21												-	DATA UNAVAILABLE	-											
22												-	DATA UNAVAILABLE	-											
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	4	4	3	2	3	*****
24	3	3	2	1	3	3	7	18	-	32	16	7	8	12	21	27	30	26	30	28	21	18	16	-	15
25												-	DATA UNAVAILABLE	-											
26												-	DATA UNAVAILABLE	-											
27												-	DATA UNAVAILABLE	-											
28												-	DATA UNAVAILABLE	-											
29												-	DATA UNAVAILABLE	-											
30												-	DATA UNAVAILABLE	-											
31	8	6	6	6	6	6	6	9	12	12	12	7	6	-	9	5	4	4	3	4	4	3	3	4	6
MEAN	11	10	9	7	7	8	11	18	20	20	14	15	16	18	20	17	22	22	21	19	18	14	11	11	14.8

PERCENTAGE OF DATA VALID - 53.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 46.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	12.2	32	67
FEB	11	15.5	28	105
MAR	31	14.6	37	88
APR	8	3.9	17	29
MAY	26	12.2	33	74
JUN	30	12.3	26	50
JUL	29	11.0	28	70
AUG	DATA UNAVAILABLE			
SEP	14	16.1	32	70
OCT	31	17.3	45	101
NOV	30	14.5	40	99
DEC	16	14.8	36	71
YEAR	257	13.5	45	105

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	299	164	138	60	33	26	15	735
FEB	77	58	78	29	19	12	8	281
MAR	291	99	127	109	69	27	14	736
APR	180	5	8	11	0	0	0	204
MAY	297	82	101	83	43	12	8	626
JUN	278	91	183	118	33	12	0	715
JUL	363	73	98	104	41	13	6	698
AUG	DATA UNAVAILABLE							
SEP	115	78	50	30	27	22	18	340
OCT	284	140	90	66	64	37	56	737
NOV	283	154	111	60	38	35	30	711
DEC	117	89	90	40	36	17	6	395
YEAR	2584	1033	1074	710	403	213	161	6178

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76.9	0	1.2	3.3	6.8	16.1	33.3	42.2	53.7	61.4	105	13.5

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	2	3	2	1	1	2	2	2	2	3	4	4	6	9	10	11		
2	15	7	7	5	5	2	2	2	2	2	2	2	2	3	4	5	5	5	5	6	6	5	5	5	
3	3	3	2	2	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2	
4	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	7	7	5	4	6	4	
5	6	4	3	2	2	3	5	8	16	15	10	8	6	-	1	1	2	3	5	5	4	4	3	5	5
6	3	2	2	2	2	2	4	6	9	12	7	6	5	7	6	5	7	7	7	8	10	6	5	5	6
7	4	2	2	4	4	3	2	5	6	4	4	5	5	3	3	3	3	3	1	1	1	1	1	1	3
8	1	1	1	1	1	1	3	13	33	18	10	5	3	2	1	1	2	4	3	2	2	4	3	3	5
9	2	2	2	2	3	4	4	3	3	3	3	3	3	***	2	2	2	2	2	2	3	5	4	3	3
10	4	4	4	4	4	5	6	8	6	3	3	3	2	3	3	3	4	5	5	7	8	9	8	15	5
11	16	20	13	4	3	2	1	2	2	3	3	3	5	7	5	5	5	4	5	5	5	5	3	4	5
12	4	3	2	1	1	1	3	4	6	12	15	15	10	5	7	4	7	13	11	10	7	2	3	4	6
13	7	7	6	4	3	4	4	6	8	12	14	16	12	***	9	11	14	17	9	6	6	5	4	4	8
14	3	4	2	2	2	3	2	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	2	2	
15	1	1	1	1	1	1	1	5	6	4	3	3	2	3	3	4	4	8	8	7	15	20	11	5	5
16	4	4	4	4	4	3	3	4	6	6	4	2	4	3	3	3	3	4	3	3	1	2	2	4	3
17	3	2	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	6	7	11	8	4	5	4	3
18	2	1	1	1	1	1	1	1	3	3	3	3	3	3	3	5	3	4	6	4	5	5	6	5	3
19	22	15	9	4	2	2	3	4	6	10	8	5	4	5	6	6	10	9	5	3	3	3	4	3	6
20	3	2	1	2	2	1	1	3	3	3	3	3	3	***	3	3	3	4	3	3	3	3	3	4	3
21	3	4	3	2	2	2	3	3	3	2	4	3	4	5	4	5	5	5	6	4	2	1	1	1	3
22	2	1	1	1	0	1	3	4	3	2	2	1	1	1	3	5	3	5	5	6	3	2	3	3	3
23	4	5	8	6	3	2	6	11	18	17	11	18	15	14	***	***	14	11	8	7	7	6	4	5	9
24	4	3	2	2	2	3	4	5	4	5	5	6	5	5	5	4	2	2	2	6	13	11	8	13	5
25	17	13	9	8	7	9	9	11	11	14	10	11	8	5	5	5	4	4	2	3	3	4	3	4	7
26	4	4	5	4	6	5	6	8	7	13	9	11	15	11	8	9	13	10	8	7	4	3	3	3	7
27	3	1	1	2	1	2	8	8	7	7	5	4	5	***	4	4	7	7	6	15	23	12	5	6	6
28	7	5	4	4	3	3	4	6	8	7	3	2	1	3	3	3	5	5	5	3	2	2	3	4	4
29	4	2	2	2	2	2	4	5	5	3	3	3	3	3	2	3	4	4	4	3	4	5	5	6	3
30	7	6	5	5	5	4	4	8	12	11	8	6	7	5	3	4	5	5	6	6	13	15	21	21	8
31	23	32	17	11	17	13	13	24	28	10	10	7	7	4	3	4	4	5	4	3	2	1	1	1	10
MEAN	6	5	4	3	3	3	4	6	8	7	6	5	5	4	4	4	5	5	5	5	6	5	5	5	4.9

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	2	1	3	2	3	3	2	2	2	2	3	3	2	1	1	1	1	1	1	1	2
2	3	1	0	1	1	1	2	3	4	2	2	2	1	1	1	1	1	3	3	2	1	1	2	2	2
3	2	2	2	2	2	2	2	4	7	5	3	3	-	2	2	2	2	2	3	3	2	3	5	6	3
4	9	9	17	16	10	8	4	4	3	3	3	2	1	1	2	2	2	4	10	19	17	11	11	12	8
5	10	5	4	6	6	6	11	25	28	13	12	10	10	11	9	5	5	8	9	10	10	13	18	13	11
6	11	9	8	7	8	11	11	11	15	10	5	4	***	1	1	3	3	4	3	2	2	2	1	1	6
7	2	1	1	1	2	3	6	15	8	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
8	1	1	1	1	1	1	1	2	2	3	1	1	1	1	1	1	1	2	2	2	5	5	4	2	2
9	2	2	2	2	2	6	8	22	42	28	20	9	7	3	2	5	7	8	6	5	3	2	3	2	8
10	3	2	2	3	3	3	3	7	11	10	8	10	-	8	6	9	9	6	3	2	2	3	4	5	5
11	4	3	2	1	1	1	1	4	4	5	5	3	2	3	3	4	4	3	1	1	1	3	3	3	3
12	3	1	1	1	1	1	4	6	10	12	5	4	4	3	4	5	5	4	4	5	6	7	4	4	4
13	2	1	1	2	2	2	4	6	9	4	3	3	2	2	3	3	4	3	2	2	2	2	2	3	3
14	2	5	5	2	2	1	1	1	2	2	1	1	1	1	2	2	4	5	7	8	6	5	6	3	3
15	10	6	5	4	5	4	3	4	4	5	4	4	3	2	2	3	3	2	2	3	4	3	2	2	4
16	2	2	2	2	2	3	6	7	9	10	8	7	6	6	7	10	14	13	12	5	4	4	3	2	6
17	3	3	3	2	2	5	5	6	3	3	2	2	2	***	3	3	4	3	1	2	4	5	4	4	3
18	4	4	4	3	2	2	2	3	4	4	5	5	5	5	***	13	16	25	19	10	11	5	3	2	7
19	1	1	1	1	1	1	1	1	1	3	2	3	2	2	2	3	3	4	5	5	3	3	2	1	2
20	3	2	2	2	2	1	4	6	6	2	3	2	2	3	1	2	2	3	7	13	13	23	21	11	6
21	13	18	34	20	15	16	12	9	7	6	6	5	6	7	10	11	13	17	20	26	20	16	4	3	13
22	3	3	2	2	2	2	2	2	2	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
23	1	1	0	1	1	1	3	5	4	3	3	2	3	3	3	1	1	2	2	1	1	1	1	2	2
24	2	1	1	1	1	2	3	4	3	3	3	3	3	3	3	3	4	4	5	5	7	23	38	57	8
25	63	51	28	18	19	19	23	33	27	10	3	3	3	3	3	3	3	4	3	3	2	2	2	2	14
26	5	10	7	5	11	7	8	35	73	36	18	12	10	11	12	14	6	8	8	6	5	6	6	5	14
27	6	4	2	1	1	2	3	5	4	2	1	1	1	2	1	3	6	11	14	15	9	5	3	4	4
28	6	7	10	2	2	2	2	1	1	1	1	1	1	1	1	1	3	5	5	5	4	2	3	3	3
29	4	4	4	3	2	2	4	5	6	6	5	3	3	3	3	3	2	2	2	4	4	4	3	4	4
MEAN	6	6	5	4	4	4	5	8	11	7	5	4	3	3	3	4	5	5	6	6	5	5	6	6	5.2

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	1	1	1	1	3	4	5	4	4	5	4	3	3	4	5	6	4	3	2	3	3	2	3
2	2	2	1	1	1	1	2	3	3	4	3	3	3	3	4	4	4	5	4	4	3	3	3	3	3
3	3	2	3	3	3	3	4	4	7	8	8	8	8	9	11	8	7	8	8	8	8	7	7	9	6
4	10	8	11	11	9	4	3	8	13	11	9	6	5	5	6	6	7	7	6	4	4	4	4	5	7
5	6	6	6	3	6	10	12	23	32	36	8	3	2	****	2	1	2	2	1	1	1	1	1	1	7
6	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1
7	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	1
8	2	1	1	1	1	2	4	6	6	1	2	1	1	1	1	1	1	1	4	5	7	6	4	5	3
9	4	4	11	19	17	15	11	22	51	7	2	2	4	4	4	4	5	5	8	8	6	7	8	9	10
10	9	6	5	5	5	4	7	11	12	4	3	4	5	****	7	8	11	9	7	5	2	4	3	3	6
11	5	3	2	2	4	3	6	7	5	1	1	1	1	1	1	1	2	2	3	6	7	14	22	17	5
12	26	19	12	4	2	2	2	2	4	2	2	2	3	4	4	5	7	10	11	9	6	6	7	3	6
13	3	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1
14	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	2	2	1	2	2	3	4	4	2	2	2	2	2	2	2	2	3	4	7	8	9	8	7	4
16	9	7	5	3	1	1	6	7	7	8	7	8	9	8	5	3	4	5	4	2	2	3	3	1	5
17	1	1	1	0	0	0	1	2	2	2	2	2	2	2	****	1	1	2	2	4	4	3	5	3	2
18	2	2	2	2	2	2	3	3	7	11	7	6	4	4	4	5	6	6	7	4	4	6	6	6	5
19	5	7	4	7	6	8	9	9	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	3	4
20	2	1	4	3	5	7	4	3	3	5	3	3	4	3	3	3	4	7	10	9	4	3	2	2	4
21	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
22	1	1	0	0	1	0	1	1	2	2	3	1	5	7	7	5	5	4	2	4	4	3	1	2	3
23	2	1	1	1	1	1	2	3	3	3	3	2	****	1	1	1	1	1	1	1	1	3	5	6	2
24	4	6	7	3	2	2	4	3	3	2	3	2	1	1	1	1	2	2	2	1	1	1	1	1	2
25	1	1	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	3	5	6	7	8	10	11	3
26	9	15	20	18	15	13	27	24	9	6	4	4	5	6	6	7	10	16	17	18	15	32	34	42	16
27	49	47	31	32	24	10	5	4	2	4	5	5	4	4	2	3	4	3	2	2	2	2	2	2	10
28	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	4	5	7	15	10	15	3
29	17	14	13	7	7	2	3	4	5	4	4	4	4	4	4	4	6	6	6	5	4	3	4	3	6
30	3	4	2	2	2	2	4	5	6	5	4	4	****	4	4	4	6	6	6	8	10	9	13	17	6
31	11	6	3	2	2	2	3	6	8	3	3	3	9	15	10	7	9	10	9	7	7	11	7	3	7
MEAN	6	6	5	4	4	3	4	6	7	5	3	3	3	3	3	3	4	4	5	5	4	6	6	6	4.6

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	1	1	1	3	3	1	1	1	1	1	3	1	1	1	1	1	1	2	5	4	2
2	4	2	2	2	2	2	4	3	4	2	3	****	****	-	2	2	2	3	5	8	9	5	5	7	4
3	4	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	4	2	2	1	1	2	2	2
4	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	2	5	6	4	3	2
5	3	2	2	3	3	1	2	3	3	1	1	1	1	1	1	1	1	2	2	6	11	6	3	6	3
6	6	4	2	3	2	3	7	4	2	2	1	1	1	1	1	1	2	2	2	2	2	2	3	6	3
7	7	2	2	2	2	2	2	2	2	1	1	1	0	1	1	1	1	2	1	1	1	2	2	2	2
8	2	1	1	1	1	1	2	3	2	1	1	1	0	1	0	1	1	1	2	2	1	1	1	1	1
9	1	1	1	1	1	1	3	4	4	2	1	1	-	-	2	4	4	5	6	11	12	11	21	17	5
10	13	4	5	5	4	4	4	3	3	3	1	2	2	2	2	2	2	2	2	2	1	1	1	2	3
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	2	2	1
12	1	2	1	2	2	1	3	1	1	1	1	1	0	1	1	1	1	1	3	2	2	3	3	2	2
13	2	2	2	2	2	3	2	2	2	2	1	1	-	1	1	2	2	2	3	5	6	6	10	13	3
14	13	12	7	6	6	11	19	19	11	5	5	7	7	7	4	3	4	3	2	4	4	2	6	10	7
15	3	3	7	7	2	2	2	4	6	5	-	-	2	2	2	3	3	3	3	3	3	4	4	4	4
16	3	4	7	3	3	3	2	2	2	1	1	1	5	5	3	2	2	3	5	3	3	3	2	3	3
17	3	2	4	5	4	3	3	3	2	1	1	1	1	2	3	4	2	2	2	2	4	4	5	6	3
18	17	13	10	9	4	12	13	5	2	2	3	1	1	2	2	2	2	2	3	4	4	4	8	14	6
19	11	8	4	2	2	3	6	5	4	3	2	2	2	2	2	2	3	3	4	6	6	4	4	3	4
20	3	2	2	2	0	1	2	3	3	3	3	2	4	4	5	6	6	7	7	7	12	10	6	6	4
21	4	3	5	7	5	6	4	3	3	4	4	4	-	-	-	10	13	14	6	10	13	17	14	5	7
22	6	5	4	5	6	4	6	5	4	3	3	3	3	2	2	2	2	3	2	3	3	2	2	4	4
23	3	2	2	2	2	2	2	2	2	2	2	2	2	2	-	1	1	2	4	6	4	4	5	4	3
24	3	3	3	3	2	2	2	3	3	3	3	4	4	4	4	4	4	5	5	5	6	5	7	5	4
25	5	5	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	3	3	3	2	2	2	3
26	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2
27	0	1	1	1	2	3	3	2	1	1	1	-	1	1	1	1	1	1	1	2	3	3	1	1	1
28	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	4	1
29	2	2	2	1	-	6	8	5	3	3	1	1	2	3	1	1	2	2	2	3	8	15	17	19	5
30	12	7	5	5	5	9	24	12	10	2	3	3	-	1	2	3	4	4	5	6	5	6	6	5	6
MEAN	5	3	3	3	2	3	5	4	3	2	2	2	2	2	2	2	3	3	3	4	5	5	5	5	3.2

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - MAY 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	9	9	9	4	5	6	8	7	7	7	5	7	7	8	6	4	6	6	6	6	5	7	5	
2	5	6	6	9	4	2	2	1	2	4	1	1	2	2	2	2	1	2	3	1	1	1	1	1	3
3	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1
4	1	2	2	1	2	3	2	1	1	1	1	-	1	1	1	1	1	1	1	2	2	2	2	3	2
5	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1	2	1
6	1	2	1	1	1	1	2	3	3	3	3	3	3	3	3	5	5	6	7	5	4	4	2	2	3
7	2	1	1	1	1	1	3	3	3	3	2	2	-	5	3	2	1	2	1	3	3	3	7	6	3
8	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	1	2	2	3	3	2	2	2	2
9	2	1	2	1	1	2	2	2	3	3	3	2	2	2	2	2	2	2	3	4	11	15	19	20	5
10	21	15	9	10	12	22	52	40	14	13	8	5	5	5	4	2	2	2	2	2	3	4	7	6	11
11	5	3	2	1	1	3	9	12	8	7	6	4	7	8	5	3	3	3	2	2	2	2	2	2	4
12	1	2	1	2	2	2	3	2	2	2	1	2	2	2	1	2	2	2	3	4	4	4	4	4	2
13	5	5	4	2	2	3	6	3	3	3	5	5	4	3	3	3	5	5	7	11	6	6	6	7	5
14	6	14	14	12	10	8	9	13	13	11	11	-	2	2	2	2	3	7	6	6	7	7	10	13	8
15	14	18	11	5	5	5	8	8	6	8	8	6	5	4	4	4	5	6	5	5	7	5	5	3	7
16	3	2	2	2	2	2	3	3	4	5	5	5	9	8	6	8	9	8	4	4	6	10	13	13	6
17	10	3	2	5	3	4	7	5	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	1	3
18	1	1	1	1	1	2	2	2	2	2	2	-	1	1	1	2	1	1	1	1	3	3	3	3	2
19	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	3	2	2	1	2	1	1	1	2
20	2	1	2	2	2	3	4	6	3	3	2	2	2	2	2	3	3	3	4	6	17	17	12	4	4
21	3	3	3	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	3	4	4	8	7	3
22	5	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2
23	5	3	2	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	3	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	2	2	3	2	2	2	2	4	3	2
25	7	4	4	6	5	3	7	12	15	9	5	5	5	5	4	5	6	6	6	4	6	4	3	4	6
26	2	2	2	2	2	3	8	9	11	9	7	6	5	5	5	4	4	4	4	7	10	10	15	12	6
27	15	7	5	5	4	7	12	8	7	3	2	2	4	4	4	5	4	4	4	6	6	4	4	7	6
28	6	6	7	11	12	19	23	16	13	6	6	5	-	5	6	10	10	9	7	7	10	7	8	8	9
29	9	7	6	7	6	7	7	11	8	5	4	6	4	3	3	4	4	4	4	4	5	4	6	6	6
30	11	11	10	7	5	3	3	3	3	4	3	4	3	4	5	4	4	4	5	5	5	4	5	5	5
31	5	5	5	4	4	6	8	11	12	12	10	8	6	6	6	8	7	8	8	10	10	8	6	5	7
MEAN	5	5	4	4	3	4	7	6	5	4	4	3	3	3	3	3	3	4	4	4	5	5	6	5	4.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - JUN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	2	4	7	8	5	4	6	7	10	8	8	5	6	6	7	7	8	7	26	23	7
2	29	20	10	3	2	5	12	15	9	4	4	4	3	4	3	4	4	3	2	4	5	14	32	21	9
3	13	10	7	4	3	7	10	11	6	3	3	4	4	5	4	4	4	4	5	5	6	25	31	15	8
4	12	9	5	3	6	13	22	19	12	7	3	-	2	2	4	3	2	2	2	5	9	13	17	24	9
5	14	13	8	4	6	6	8	6	5	4	3	4	3	3	1	1	1	2	2	3	7	15	17	14	6
6	6	5	3	2	2	3	3	2	3	2	1	1	1	1	1	1	1	3	3	3	3	5	4	4	3
7	5	2	1	0	0	2	6	3	3	1	1	1	1	1	1	1	2	4	10	6	6	5	4	3	3
8	3	2	2	2	3	6	9	7	5	1	1	1	-	1	1	1	1	1	2	5	8	15	16	14	5
9	12	9	3	7	5	6	12	6	4	3	4	4	3	3	4	5	5	6	5	8	7	10	10	11	6
10	10	10	4	3	4	4	4	4	3	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	3
11	1	1	1	1	1	2	4	4	2	1	1	1	-	-	2	2	2	2	2	3	2	4	4	5	2
12	5	6	6	5	5	7	6	7	6	6	6	5	5	5	4	4	3	3	3	4	4	4	5	6	5
13	6	5	6	6	7	9	9	8	10	10	10	9	9	10	9	9	9	12	14	7	7	9	5	4	8
14	4	3	3	3	4	7	9	10	15	5	3	3	3	3	2	2	2	2	2	3	3	3	4	5	4
15	11	7	6	6	6	8	9	8	8	6	6	-	-	4	3	3	3	3	4	4	4	4	4	6	6
16	6	6	6	6	6	8	8	10	9	9	9	9	10	-	-	-	10	10	10	9	9	6	9	5	8
17	-	-	-	-	-	-	-	10	9	8	8	8	8	7	7	6	6	6	7	7	7	15	24	16	9
18	13	10	12	10	10	19	35	17	9	8	8	-	-	-	-	10	10	7	4	7	6	4	3	4	10
19	6	4	3	3	3	5	4	4	4	3	4	4	4	4	3	2	3	2	2	2	2	3	3	3	3
20	3	2	2	1	1	3	4	4	4	2	2	2	2	2	2	1	3	5	5	5	5	7	5	4	3
21	4	3	4	4	4	5	7	8	8	5	5	6	7	6	6	4	5	5	4	5	4	4	5	5	5
22	4	4	3	3	4	3	4	5	3	3	3	-	-	-	3	3	4	5	5	4	6	7	11	11	5
23	12	17	18	16	14	16	20	25	21	16	9	8	-	-	-	5	5	5	5	4	4	5	7	6	11
24	5	6	6	8	8	10	9	13	15	12	9	11	11	10	9	7	7	7	7	7	8	7	8	8	9
25	8	8	7	7	7	10	12	10	9	9	9	-	-	-	3	4	4	3	4	5	4	5	6	6	7
26	5	6	5	5	5	5	5	5	6	6	6	5	3	3	2	2	2	2	2	2	4	4	4	4	4
27	4	4	5	5	5	5	5	5	6	5	5	4	3	3	3	3	2	2	3	4	3	2	2	2	4
28	2	3	2	2	2	5	8	6	3	3	3	1	2	4	5	5	5	4	4	5	7	6	5	6	4
29	5	4	6	7	8	11	14	16	14	8	7	6	-	-	-	7	6	5	5	5	5	6	9	13	8
30	18	17	16	12	8	7	18	11	7	8	7	8	9	-	-	9	9	8	7	7	7	8	8	8	10
MEAN	8	7	6	5	5	7	10	9	7	5	5	5	5	4	4	4	4	4	5	5	5	7	10	9	6.0

PERCENTAGE OF DATA VALID - 95.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - JUL 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	8	5	5	6	7	7	7	6	6	6	4	3	3	3	3	2	2	2	3	3	3	3	5
2	3	-	-	-	-	-	-	-	-	-	-	-	3	2	2	2	2	2	1	1	1	5	2	2	*****
3	2	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	2	2	2	2	2	3	3	2	3
4	3	3	3	3	3	3	4	4	4	4	4	4	3	3	1	-	1	1	1	1	1	3	5	9	3
5	6	4	4	4	5	6	8	9	7	7	5	3	2	2	3	4	6	3	3	-	-	12	11	10	6
6	7	5	-	-	-	9	8	11	6	5	5	4	-	2	3	2	3	3	3	4	5	-	-	-	5
7	- DATA UNAVAILABLE -																								
8	-	-	6	6	6	6	7	9	7	6	6	6	5	5	4	4	3	3	3	4	4	4	4	4	5
9	8	6	5	6	6	7	11	9	6	4	3	3	-	-	2	2	-	-	-	-	-	-	-	-	*****
10	7	10	11	7	6	5	4	4	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5
11	7	7	6	6	6	5	4	4	5	-	-	-	3	2	2	1	2	1	1	1	1	-	-	-	4
12	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	2	2	2	2	2	2	2	2	2	-	-	1	1	2	2	2	2	2	2	1	1	1	2
14	3	3	3	-	-	-	-	12	8	6	4	4	3	3	4	4	4	7	6	7	10	9	8	6	6
15	5	5	8	8	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
16	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	-	2	2	*****
17	2	2	2	2	2	2	2	3	3	3	2	2	1	1	1	2	2	2	3	4	4	4	4	4	2
18	3	4	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	4	4	5	5	3
19	3	3	3	3	3	4	5	8	6	4	4	4	3	2	2	2	2	2	2	3	3	3	3	3	3
20	2	2	2	1	1	2	4	4	3	2	2	-	-	2	2	3	3	3	3	3	3	4	4	5	3
21	4	4	4	4	4	6	9	11	8	6	6	5	4	4	3	3	3	2	2	3	5	4	7	8	5
22	4	5	5	4	3	3	5	5	5	5	4	3	3	4	3	3	4	4	3	4	5	6	8	8	4
23	9	10	9	8	8	12	17	24	18	15	-	-	12	12	11	11	10	10	10	10	5	13	9	12	12
24	12	8	7	5	5	5	6	5	5	5	4	4	3	4	4	3	3	2	2	2	3	4	5	7	5
25	5	4	2	2	2	3	4	4	4	3	3	1	2	2	3	3	4	3	3	3	5	8	10	14	4
26	12	9	8	6	6	7	7	7	5	5	5	5	5	-	3	3	3	3	3	3	3	3	3	4	5
27	4	5	5	5	6	9	11	11	8	7	7	5	3	2	-	1	1	2	3	4	6	12	11	7	6
28	6	6	6	5	5	7	13	14	15	14	9	10	-	-	4	5	7	7	5	7	4	4	5	5	7
29	4	5	5	6	6	6	6	8	8	7	7	7	7	8	7	8	9	8	6	6	6	6	5	5	7
30	6	6	6	6	5	5	7	7	7	6	6	8	7	-	-	5	4	5	5	6	6	8	9	9	6
31	12	13	9	9	10	9	7	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
MEAN	5	5	5	5	5	5	6	7	6	5	5	4	4	3	3	3	3	3	3	4	4	5	5	6	4.7

PERCENTAGE OF DATA VALID - 82.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 17.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - AUG 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	-	-	-				2	3	4	4	4	4	6	5	6	4	*****
6	3	3	4	4	4	4	7	5	4	4	3	3	3	3		3	3	3	3	4	3	9	9	6	4
7	8	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	2	2	0	0	1	1	1	1	1
8	1	1	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	1	1	1	3	3	2	1	1
9	1	1	1	1	2	4	7	8	8	5	4	5	5	5	3	2	1	1	1	3	4	4	5	5	4
10	2	0	0	0	1	17	11	6	5	5	6	7	7	7	6	3	2	2	4	7	13	21	27	23	8
11	21	19	14	10	10	11	16	19	20	14	13	-	-	-	-	3	3	2	2	4	6	7	8	7	10
12	5	4	4	4	4	5	-	12	9	8	7	7	8	9	8	8	7	8	9	8	7	6	7	7	7
13	9	7	7	7	7	8	8	9	10	11	10	10	9	9	7	9	8	9	-	-	-	-	-	-	9
14	16	12	8	6	4	5	5	5	5	5	7	6	6	-		5	5	7	-	-	-	-	-	-	7
15	-	-	-	-	4	4	5	4	4	2	-	-	-	-	-	-	-	-	-	-	-	8	7	5	*****
16	4	4	4	3	4	8	12	7	4	4	4	2	2	2	-	2	2	2	2	6	9	9	8	7	5
17	5	5	5	3	6	9	16	11	8	5	4	3	1	-	2	2	2	2	3	5	13	15	11	8	6
18	5	3	3	3	3	5	12	12	12	10	9	10	7	6	14	16	15	4	4	6	11	14	20	27	10
19	19	14	13	13	13	22	38	32	27	11	10	8	9	14	7	5	6	6	8	10	8	8	11	16	14
20	16	19	15	15	17	19	20	15	12	8	7	-	-	2	3	2	2	2	6	10	9	6	6	5	10
21	6	8	7	7	6	5	8	9	6	7	6	5	4	3	2	1	2	2	2	2	3	7	11	12	5
22	12	11	7	8	7	6	7	7	7	7	7	7	5	3	2	2	2	1	2	4	7	9	9	9	6
23	9	7	7	6	7	8	10	12	11	9	8	7	5	4	3	4	2	2	3	3	4	4	4	6	6
24	6	3	5	4	4	6	11	10	9	9	10	8	-	-	4	3	3	3	4	6	8	16	24	26	8
25	23	25	17	16	11	16	33	28	22	17	13	11	9	6	11	8	4	5	5	8	14	15	32	35	16
26	28	24	17	14	10	16	33	34	27	20	13	13	12	11	13	13	9	7	8	11	11	8	6	15	15
27	5	5	6	7	8	7	8	12	10	6	6	6	-	-	4	-	-	-	-	-	-	-	-	-	*****
28	-	-	-	-	-	-	-	-	-	-	4	5	5	-	5	-	-	-	-	6	-	5	6	8	*****
29	6	6	4	3	3	3	2	2	2	2	3	2	2	2	2	2	3	3	3	4	3	3	3	3	3
30	2	3	3	4	3	4	9	5	3	3	1	1	1	1	-	1	1	2	2	3	3	6	11	15	4
31	13	10	8	8	7	11	29	27	7	6	-	4	-	2	2	2	2	3	3	2	2	2	4	5	7
MEAN	9	8	7	6	6	8	13	12	10	7	6	6	5	5	5	4	4	3	4	5	7	8	10	10	7.1

PERCENTAGE OF DATA VALID - 74.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 25.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	5	7	10	15	18	10	9	8	6	7	6	6	5	6	5	6	5	6	6	6	8	7
2	4	4	4	5	4	5	17	19	8	7	4	3	5	4	4	3	3	5	4	4	6	12	14	27	7
3	23	22	21	13	14	15	37	56	19	7	6	6	-	-	4	4	4	4	4	5	4	3	4	3	13
4	3	3	3	4	4	4	5	5	6	6	5	4	4	3	2	2	2	3	4	6	7	2	2	4	4
5	4	3	3	3	2	2	3	2	2	1	1	1	1	1	0	0	1	1	1	2	3	3	5	2	2
6	2	3	2	2	2	2	4	3	3	1	1	0	1	1	0	0	2	3	5	14	19	11	11	17	5
7	18	8	7	6	4	4	11	12	5	4	2	2	2	2	2	2	1	2	2	2	2	3	4	4	5
8	3	3	3	4	10	8	17	18	14	13	13	-	-	7	7	9	10	12	7	9	9	14	21	25	11
9	22	17	17	14	14	20	29	40	22	16	13	17	11	12	9	9	10	13	12	9	13	17	17	15	16
10	12	10	7	6	5	5	7	7	4	4	4	-	-	-	2	3	2	2	2	2	-	-	-	-	5
11	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	2	5	7	7	12	18	10	*****
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	2	4	6	2	1	4	4	3	3	*****
22	1	1	1	1	0	1	1	2	2	2	1	1	2	2	2	2	2	2	3	3	3	4	4	2	2
23	2	3	5	7	7	4	5	5	5	2	2	3	2	2	2	2	2	1	3	3	6	2	2	2	3
24	2	2	2	3	3	5	8	12	8	3	1	1	1	2	2	3	5	5	7	9	13	13	6	4	5
25	3	3	1	1	1	1	3	5	4	3	1	1	2	2	2	2	3	4	3	3	3	4	4	3	3
26	5	4	5	4	3	4	6	11	11	9	7	7	7	5	5	5	6	8	6	6	4	4	3	3	6
27	4	3	2	3	3	4	8	10	6	5	5	5	8	9	10	9	7	7	10	9	2	3	2	1	6
28	2	1	1	1	1	3	5	7	3	3	3	2	-	0	2	4	5	6	9	11	6	3	4	3	4
29	1	1	1	1	1	1	3	3	3	3	2	1	2	2	2	2	4	5	5	6	8	6	4	3	3
30	7	8	5	3	3	12	27	22	17	13	9	5	4	5	7	8	8	8	11	11	19	39	37	32	13
MEAN	6	5	5	4	5	6	11	14	8	6	5	4	4	4	4	4	4	5	5	6	7	9	9	9	6.1

PERCENTAGE OF DATA VALID - 64.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 35.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	20	17	17	10	9	18	21	21	18	10	9	6	6	8	10	12	16	11	11	13	16	18	19	14
2	16	16	14	12	12	12	23	26	22	18	17	15	17	12	10	10	10	12	14	16	18	28	27	23	17
3	16	9	4	3	3	3	3	4	5	6	5	4	4	3	3	3	5	6	6	15	38	48	41	30	11
4	22	16	10	8	12	20	41	67	41	11	5	6	6	6	5	6	8	9	15	19	19	23	30	24	18
5	17	13	12	13	14	24	44	55	14	5	6	5	-	3	7	8	9	14	15	16	12	11	14	13	15
6	6	3	3	4	3	6	12	18	11	7	6	8	7	7	8	6	9	13	10	5	4	3	2	2	7
7	2	1	1	1	1	2	5	5	2	2	2	2	1	1	2	2	2	3	4	4	1	3	2	2	2
8	1	1	1	1	2	2	5	7	6	7	7	7	-	3	4	4	5	4	4	5	7	4	5	5	4
9	4	4	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	3	3	2	3	2	2	2
10	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	9	6	5	4	6	2
11	6	6	4	3	3	4	9	12	7	4	4	2	2	2	2	2	3	5	10	10	7	9	8	5	5
12	4	14	25	23	21	31	47	66	33	7	6	6	5	3	4	6	6	6	8	8	7	8	5	3	15
13	2	2	2	1	2	4	9	14	16	-	2	2	2	3	3	3	3	3	3	4	3	3	3	3	4
14	2	2	2	2	1	2	4	4	4	2	2	2	2	2	2	2	3	3	3	2	2	6	11	9	3
15	4	3	3	2	2	3	3	3	3	3	3	3	-	2	2	2	3	4	3	3	2	2	2	1	3
16	1	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	2	5	4	4	3	5	8	2
17	5	3	3	1	1	1	2	1	1	3	2	2	2	1	1	1	1	2	2	3	6	3	3	3	2
18	3	3	3	3	3	5	10	14	5	2	2	1	1	1	2	3	3	3	3	3	2	3	3	6	4
19	6	5	4	3	4	4	5	10	10	9	7	6	5	5	5	6	6	7	6	7	5	6	7	8	6
20	6	3	3	3	3	5	13	25	39	19	11	10	9	6	8	11	14	11	13	7	5	4	4	3	10
21	3	2	2	2	2	3	3	6	4	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
22	2	2	2	1	2	2	2	3	3	2	2	2	2	-	2	2	2	3	3	2	3	2	1	2	2
23	1	2	3	3	1	1	1	3	3	4	2	1	1	1	1	1	2	5	9	22	31	35	13	22	7
24	26	19	13	4	2	2	2	2	3	3	4	4	5	4	5	5	4	5	4	4	4	4	3	3	6
25	2	1	1	1	1	3	5	6	6	5	5	4	4	3	3	4	5	6	3	4	7	8	20	21	5
26	12	14	4	3	3	5	9	22	18	8	4	2	-	2	2	2	3	3	5	4	3	3	6	7	6
27	3	3	2	2	2	3	8	13	13	8	3	2	2	2	2	2	3	5	6	8	13	13	7	3	5
28	4	3	3	3	1	1	3	4	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3
29	2	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	5	5	5	3	2	4	4	4	3
30	3	3	2	2	2	2	5	8	7	8	7	5	5	3	3	5	17	21	22	31	14	6	5	5	8
31	9	11	12	10	6	4	4	4	3	3	2	1	2	2	2	2	1	1	3	3	5	7	13	10	5
MEAN	7	6	5	4	4	5	10	14	10	6	4	4	4	3	3	4	5	6	7	8	8	9	9	8	6.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35D03 ELMCREST ROAD, ET0BICDKE													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	3	2	1	1	3	5	18	20	9	4	2	2	2	1	3	5	10	27	29	20	17	12	16	9
2	17	12	6	11	16	12	13	14	22	20	20	14	7	-	4	3	3	3	4	4	4	4	7	16	10
3	4	2	2	2	2	2	3	5	10	6	6	3	2	2	2	2	2	4	25	26	31	40	42	39	11
4	82	60	62	34	4	5	9	24	48	56	29	9	11	6	4	4	4	2	2	2	1	3	3	2	19
5	3	2	2	2	2	2	3	5	7	5	5	3	3	-	4	4	7	11	6	8	6	4	4	2	4
6	-	-	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	3	3	3	3	4	3	2
7	3	2	2	1	1	0	0	0	1	2	1	0	0	1	1	1	2	4	8	6	7	3	2	1	2
8	1	1	1	0	0	1	2	4	4	2	1	1	0	2	2	3	3	5	6	6	4	3	3	3	2
9	3	2	1	1	1	-	3	6	9	6	3	2	3	-	6	6	7	11	9	10	7	6	6	6	5
10	5	5	5	5	3	3	4	8	11	5	2	2	2	3	3	3	3	3	5	5	7	5	8	8	5
11	8	5	1	1	1	3	5	20	8	3	1	1	1	1	2	2	2	3	4	3	4	4	4	4	4
12	4	3	3	3	3	4	6	11	17	7	2	2	2	2	-	3	4	4	5	4	4	3	3	2	4
13	3	2	2	2	1	1	1	2	2	2	2	1	2	1	0	1	1	1	2	2	2	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	3	7	17	22	28	24	20	20	7
15	15	19	12	12	5	4	7	19	25	23	8	3	2	2	-	3	6	17	18	11	9	10	6	11	11
16	15	6	6	5	5	4	6	13	21	8	4	2	2	-	1	3	4	8	9	12	12	13	12	7	8
17	5	6	6	9	7	5	5	6	5	4	3	3	4	4	4	5	5	5	3	2	2	3	3	3	4
18	3	3	2	1	1	1	3	6	7	5	2	1	2	2	2	3	3	3	4	3	1	3	4	6	3
19	6	4	4	3	2	2	3	5	8	6	2	2	1	3	3	3	3	4	3	3	7	6	5	3	4
20	3	4	4	2	1	1	1	2	1	1	1	1	2	2	1	1	1	1	3	3	3	2	2	2	2
21	2	3	2	1	1	0	1	1	3	3	3	3	2	2	1	2	1	2	3	3	3	1	1	1	2
22	1	1	0	0	0	1	2	3	4	2	2	2	1	2	3	3	3	3	1	1	1	1	1	1	2
23	1	1	0	0	0	1	1	1	3	1	1	1	1	-	1	1	1	2	2	1	1	1	1	1	1
24	1	1	1	1	1	1	1	3	4	4	2	1	2	2	2	3	5	6	7	7	5	5	3	4	3
25	2	2	2	2	1	1	2	3	6	10	16	19	6	9	8	9	14	11	9	9	9	9	8	9	7
26	10	8	8	7	8	7	7	4	5	3	2	2	2	3	3	3	3	3	2	2	2	2	3	3	4
27	3	4	4	3	3	3	3	4	3	3	2	2	2	2	2	2	2	2	3	3	2	1	1	1	3
28	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	3	3	1	2	1	0	1	2	2	2	2	1	1	1	1	1	1	2
30	1	1	1	1	1	1	2	2	3	2	1	1	1	1	1	2	3	3	4	3	2	1	1	1	2
MEAN	7	6	5	4	3	3	3	7	9	7	4	3	2	2	2	3	4	5	7	7	6	6	6	6	4.8

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C ND 35003 ELMCREST ROAD, ET0BIC0KE													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	4	6	6	4	8	4	5	4	5	6	7	4	2	2	4	4	4	4
2	3	2	3	2	1	1	2	3	3	5	1	2	1	1	2	2	2	4	4	3	3	2	2	2	2
3	2	1	3	3	3	5	11	28	41	18	6	5	4	3	1	2	3	2	2	3	6	10	13	18	8
4	17	3	2	2	2	2	2	2	5	11	8	8	7	7	6	5	7	12	12	9	6	4	3	3	6
5	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	7	5	6	6	11	13	21	4
6	25	22	18	25	24	18	4	4	5	6	5	5	6	8	7	8	11	11	8	4	9	5	3	3	10
7	4	5	6	5	4	4	7	7	3	5	4	3	2	2	2	2	3	4	6	7	5	2	1	1	4
8	1	1	1	1	1	1	2	4	10	8	9	12	-	9	3	3	2	2	2	2	2	2	1	1	3
9	1	1	2	2	2	1	3	3	5	7	8	11	10	12	14	19	18	15	16	11	5	6	5	4	8
10	4	5	5	5	6	7	9	13	13	5	2	2	2	2	3	3	3	2	2	2	2	2	1	2	4
11	2	2	2	2	2	2	1	1	1	2	2	2	1	2	3	4	3	4	5	4	4	4	5	4	3
12	3	3	4	4	3	2	2	2	3	3	3	4	4	3	5	5	4	4	3	3	3	3	3	2	3
13	1	0	0	0	1	1	1	3	4	3	2	2	2	4	4	4	6	22	14	5	5	5	3	3	4
14	2	2	3	4	4	3	3	3	3	3	3	3	2	1	1	1	2	1	1	1	2	2	2	4	2
15	3	2	4	3	2	2	2	4	5	4	4	3	3	2	4	6	7	11	31	44	37	74	64	41	15
16	36	33	40	21	23	26	33	33	27	17	14	22	18	17	17	15	15	14	14	11	8	6	5	3	20
17	3	3	2	2	3	3	4	3	3	4	5	5	-	4	3	4	5	5	4	3	3	3	4	2	3
18	1	1	1	0	1	1	1	1	2	1	0	1	1	2	2	5	7	13	7	7	7	4	4	9	3
19	11	11	18	9	8	6	8	12	23	24	7	5	6	8	5	6	19	38	43	49	89	82	68	26	24
20	41	22	24	14	12	10	12	24	25	28	41	26	9	4	3	2	3	2	1	1	1	1	0	0	13
21	1	1	0	0	0	0	1	1	1	1	1	-	1	1	1	2	3	3	2	3	2	3	3	2	1
22	2	2	1	1	1	1	1	2	3	2	2	2	2	3	3	3	3	4	4	3	3	3	2	2	2
23	2	1	1	1	1	2	2	3	4	2	2	2	2	2	2	4	5	6	7	5	3	3	2	3	3
24	2	2	1	1	1	1	2	1	1	2	1	1	2	2	1	1	2	4	3	5	4	5	6	4	2
25	4	5	5	4	3	2	3	2	2	1	2	2	3	4	5	5	8	10	6	6	6	4	4	6	4
26	4	2	2	3	4	3	3	3	1	2	2	3	2	3	2	4	6	7	9	1	1	1	0	1	3
27	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	1	1	3	4	6	10	12	8	3
28	5	4	2	2	1	1	2	4	5	5	5	4	5	6	8	7	13	19	8	7	7	8	9	12	6
29	14	24	17	15	8	5	6	3	8	10	5	2	2	2	2	2	3	3	1	1	1	1	1	1	6
30	1	2	2	2	2	2	3	6	7	7	5	3	-	2	3	2	10	20	10	6	7	8	4	4	5
31	4	3	3	3	2	1	1	1	1	1	1	2	3	3	5	6	5	5	5	8	9	6	3	2	3
MEAN	7	5	6	4	4	4	4	6	7	6	5	5	4	4	4	5	6	8	8	7	8	9	8	6	5.9

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.9	10	33
FEB	29	5.2	14	73
MAR	31	4.6	16	51
APR	30	3.2	7	24
MAY	31	4.3	11	52
JUN	30	6.0	11	35
JUL	25	4.7	12	24
AUG	23	7.1	16	38
SEP	19	6.1	16	56
OCT	31	6.4	18	67
NOV	30	4.8	19	82
DEC	31	5.9	24	89
YEAR	341	5.2	24	89

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	541	125	62	7	2	0	0	737
FEB	515	97	57	12	5	1	4	691
MAR	544	138	40	7	6	3	1	739
APR	610	63	30	2	0	0	0	705
MAY	550	139	44	3	1	0	1	738
JUN	393	219	61	10	3	0	0	686
JUL	424	156	30	1	0	0	0	611
AUG	273	175	84	18	7	0	0	557
SEP	302	92	56	11	5	0	1	467
OCT	494	119	83	26	7	6	3	738
NOV	550	91	46	13	4	2	4	710
DEC	543	101	54	22	8	7	5	740
YEAR	5739	1515	647	132	48	19	19	8119

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.4	0	0.6	1.7	2.9	4.9	10.4	15.0	22.7	30.7	89	5.2



## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

HOUR DAY	STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE																								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	6	8	9	6	5	3	3	4	4	4	5	7	10	11	12	12	12	13	11	12	18	23	21	27	10
2	26	19	11	6	4	3	4	6	4	4	6	7	8	7	8	11	7	7	6	6	5	6	8	7	8
3	5	5	3	3	3	5	9	8	8	10	12	6	5	5	5	4	4	4	3	3	3	2	2	3	5
4	3	2	3	5	5	3	2	3	4	5	5	5	7	7	8	9	12	11	12	11	12	11	14	13	7
5	11	8	7	4	5	10	23	35	38	33	25	17	10	5	****	-	6	8	10	14	7	6	8	16	14
6	7	7	7	10	10	11	10	16	31	24	11	12	14	13	12	13	12	12	15	15	13	11	13	9	13
7	5	4	5	6	5	5	6	8	14	11	9	10	****	****	17	14	16	13	11	8	6	6	6	7	9
8	3	3	2	2	3	4	15	36	45	27	22	13	8	8	7	****	13	10	8	7	7	7	6	6	11
9	4	4	3	3	5	8	10	9	10	7	6	6	7	8	9	8	9	8	5	5	7	7	5	5	7
10	6	7	7	6	6	8	11	18	17	7	5	6	9	8	8	10	9	21	19	15	17	11	25	35	12
11	33	12	4	4	3	2	2	2	3	3	5	4	4	12	11	7	6	5	8	9	10	9	10	10	7
12	9	6	4	3	3	5	12	25	28	37	32	25	18	12	13	12	15	14	10	15	6	4	7	7	13
13	6	4	5	7	8	9	14	21	24	24	16	14	13	14	19	15	16	13	8	10	11	7	6	5	12
14	5	6	3	2	2	6	10	6	9	13	14	14	-	-	-	8	5	4	4	2	4	5	6	6	6
15	4	3	4	5	2	4	9	21	25	15	10	9	13	11	13	7	8	7	7	11	34	8	6	6	10
16	6	5	4	3	2	1	3	4	8	8	8	6	11	11	11	14	18	16	16	12	7	9	11	9	8
17	5	5	2	1	1	1	3	6	8	9	12	13	15	16	15	14	15	22	24	22	19	13	10	10	11
18	6	5	3	1	2	2	3	6	7	8	10	10	14	13	11	10	6	8	15	13	8	16	16	35	10
19	23	15	7	9	8	15	10	18	13	10	6	6	7	6	7	9	11	7	6	5	6	7	6	6	9
20	4	2	2	2	2	3	6	6	6	7	7	6	7	13	13	17	17	15	13	10	10	5	5	3	8
21	2	2	2	2	2	2	3	3	4	9	8	7	9	17	17	12	13	13	21	15	7	7	5	8	8
22	5	2	1	1	0	2	10	19	12	11	15	11	11	12	17	20	27	24	23	19	13	9	8	10	12
23	11	8	6	5	4	5	16	29	33	27	28	29	30	38	42	36	27	21	18	18	14	13	10	10	20
24	6	6	4	3	3	5	8	8	10	10	12	14	14	17	14	13	16	18	26	23	23	23	25	13	13
25	36	37	25	19	14	16	16	18	20	21	19	12	4	7	6	3	3	4	3	3	2	2	2	3	12
26	3	3	2	2	8	13	9	17	24	15	14	14	15	****	40	44	45	33	27	23	15	12	9	9	17
27	6	4	1	1	2	5	24	26	23	22	23	22	20	23	25	24	36	32	30	31	30	29	20	14	20
28	11	7	3	4	2	4	12	25	15	8	4	4	-	-	4	9	7	9	7	6	4	3	4	5	7
29	3	3	2	2	2	5	13	23	18	13	10	14	14	11	14	18	20	18	21	13	15	19	18	20	13
30	18	12	10	6	6	9	22	34	33	31	28	23	22	19	****	23	29	30	27	25	24	29	33	34	23
31	41	40	35	20	22	23	25	39	24	12	16	17	8	5	5	4	5	5	5	2	2	2	2	2	15
MEAN	10	8	6	5	5	6	11	16	17	14	13	12	12	12	14	14	14	14	13	13	11	10	10	12	11.3

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

HOUR DAY	STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE																								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	2	2	3	2	2	2	2	2	3	4	7	6	5	4	3	5	6	8	4	4	4	4	4	4	4
2	1	1	1	1	1	1	8	17	13	5	7	****	6	9	8	****	****	4	3	3	2	3	3	3	5
3	3	3	3	3	3	3	6	9	9	7	4	5	4	8	8	6	6	7	7	6	6	8	10	11	6
4	14	12	7	10	16	9	8	11	****	12	11	9	8	9	14	16	21	21	27	26	19	19	22	30	15
5	16	10	9	8	7	10	27	36	39	30	25	20	13	18	27	27	27	22	28	26	24	28	27	32	22
6	27	21	17	14	17	23	21	45	33	22	13	12	9	12	15	13	16	15	16	6	5	4	4	5	16
7	4	5	3	2	3	4	9	17	15	8	4	4	2	1	1	2	2	1	2	1	1	1	1	1	4
8	2	1	1	1	1	1	2	2	2	3	5	4	7	7	****	8	8	8	15	10	10	13	9	4	5
9	5	2	2	2	4	6	29	53	62	44	23	11	7	6	5	7	5	6	5	5	6	5	6	3	13
10	3	3	3	5	3	5	7	14	14	14	12	8	7	11	9	10	15	17	7	4	4	11	12	9	9
11	6	5	2	2	2	2	8	20	23	20	14	12	10	7	8	13	14	13	9	7	8	5	7	6	9
12	5	9	4	3	3	5	9	19	17	7	5	5	8	8	7	6	7	8	7	9	8	6	4	4	7
13	2	2	3	3	2	8	25	26	31	17	16	14	12	****	13	17	23	20	15	11	11	9	9	10	13
14	12	12	9	6	5	7	4	8	12	11	10	9	7	7	4	5	5	5	6	4	2	3	5	12	7
15	2	4	6	4	4	3	3	5	5	4	4	5	2	2	2	2	2	2	2	3	7	5	3	3	4
16	2	1	1	2	4	6	16	35	31	19	22	16	9	17	12	7	9	5	3	2	0	1	2	1	9
17	2	1	1	1	2	8	22	28	14	13	11	14	12	12	18	13	27	24	11	8	6	4	2	1	11
18	2	2	1	1	1	1	2	5	5	6	5	4	3	3	5	13	13	15	3	9	9	5	4	3	5
19	1	1	1	1	1	3	6	10	7	6	5	7	6	6	9	8	12	13	13	11	9	8	8	7	7
20	7	4	2	2	2	5	17	28	24	17	11	9	11	10	****	14	15	14	28	21	6	5	5	6	11
21	7	12	24	5	5	10	4	8	14	17	10	4	4	4	11	9	5	18	38	30	26	22	15	7	13
22	6	8	3	1	1	1	1	1	1	3	3	4	5	5	****	5	6	6	5	5	6	5	4	3	4
23	2	1	1	1	1	2	14	23	23	14	9	7	6	7	6	4	5	4	3	3	3	3	3	4	6
24	4	2	1	1	1	2	3	4	5	5	4	5	4	5	4	4	6	8	14	13	53	63	77	57	14
25	101	32	36	33	24	39	20	37	16	7	10	4	4	5	6	4	4	3	4	5	12	3	2	2	17
26	3	36	14	30	32	14	40	70	40	14	11	14	13	13	19	21	22	25	23	21	10	10	11	15	22
27	17	12	5	3	3	5	3	****	24	18	13	11	7	5	8	12	27	25	8	8	5	2	2	2	10
28	2	4	10	4	2	2	3	5	5	6	7	7	7	5	3	3	4	4	4	4	5	3	3	3	4
29	2	4	3	2	1	1	5	7	4	3	7	10	4	7	9	10	8	10	9	11	12	15	12	13	7
MEAN	9	7	6	5	5	6	11	19	18	12	10	9	7	8	9	9	11	11	11	10	10	9	10	9	9.7

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033

EVANS/ARNOLO AVE, ETOBICOKE

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	3	1	1	1	3	13	26	27	18	18	11	6	6	3	7	8	10	2	2	2	2	2	2	8
2	3	2	2	1	2	2	5	8	9	9	7	7	6	8	10	12	13	8	8	6	4	5	5	6	6
3	4	3	2	2	2	2	3	8	14	16	19	17	13	10	6	5	6	4	5	6	2	8	14	9	8
4	17	17	15	15	15	7	19	33	35	11	9	7	5	16	8	7	8	7	3	2	1	1	1	3	11
5	3	2	1	1	7	10	27	53	40	15	13	2	2	2	9	10	8	6	5	4	4	5	5	5	10
6	4	4	2	2	3	4	2	2	3	5	5	5	7	6	4	6	8	5	3	3	4	4	3	2	4
7	2	4	2	1	1	1	3	3	3	3	3	3	****	6	6	6	8	7	7	7	7	8	10	10	5
8	8	4	3	3	3	6	17	19	21	13	10	8	7	7	8	9	14	14	10	15	16	14	15	10	11
9	17	31	29	32	34	44	55	57	13	9	6	4	5	6	6	6	12	19	18	17	19	20	20	23	21
10	18	16	13	10	11	15	14	18	12	10	9	10	11	9	16	14	13	12	14	19	11	10	10	14	13
11	10	7	4	3	4	7	16	25	21	13	11	11	11	12	13	14	20	22	20	22	21	23	33	27	15
12	9	3	3	5	6	6	5	6	6	5	5	5	3	5	5	6	8	6	5	5	6	6	7	7	6
13	5	4	3	4	3	2	2	2	3	6	10	8	7	7	8	8	8	8	10	11	9	7	8	12	6
14	14	15	5	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	4	8	4	5	4	5	4
15	4	3	3	2	3	4	14	16	16	11	11	12	11	12	12	16	17	20	26	28	21	24	20	20	14
16	5	4	2	2	2	2	5	27	24	20	20	22	22	****	21	20	24	17	14	10	10	9	8	7	13
17	5	4	2	2	2	3	11	16	14	11	11	11	8	8	9	10	13	12	13	9	11	13	11	7	9
18	7	5	5	8	7	9	9	14	15	15	12	7	7	6	6	6	7	6	6	6	7	4	6	5	8
19	3	3	5	3	5	7	21	****	22	6	5	5	4	4	5	6	6	4	4	6	12	7	6	6	7
20	7	6	4	3	3	4	6	9	8	5	5	4	4	5	7	5	5	5	5	4	4	4	4	4	5
21	5	3	1	1	1	1	3	4	4	3	5	4	5	7	7	8	8	6	5	5	5	8	7	6	5
22	4	2	1	1	2	5	14	22	15	11	10	10	9	****	5	5	4	6	5	12	10	5	2	3	7
23	2	5	4	3	2	2	5	10	10	7	7	5	5	5	4	3	3	4	5	3	3	4	2	4	4
24	2	4	17	26	6	3	5	9	9	6	7	6	6	5	5	7	4	6	6	5	4	2	4	3	7
25	2	1	1	1	2	2	6	13	12	11	8	8	6	7	11	12	13	14	17	21	15	16	19	22	10
26	30	9	6	3	5	7	8	9	8	6	5	6	6	4	4	5	10	9	11	18	44	51	51	25	14
27	11	6	25	45	28	6	5	5	4	3	3	4	6	5	4	3	3	3	2	4	3	2	3	4	8
28	2	2	1	1	1	1	1	1	3	4	5	5	4	7	7	9	9	13	14	21	21	23	26	29	9
29	23	23	22	17	4	1	2	3	5	3	4	7	8	8	7	8	10	8	7	4	2	1	1	1	7
30	1	1	1	1	1	1	3	6	8	7	5	4	4	5	6	9	10	8	5	4	5	6	9	13	5
31	8	6	3	2	2	2	4	7	11	11	13	12	9	16	17	16	17	10	8	8	18	19	12	8	10
MEAN	8	7	6	7	6	6	10	14	13	9	8	7	7	7	8	8	10	9	9	10	10	10	11	10	8.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033

EVANS/ARNOLD AVE, ETOBICOKE

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	2	2	2	3	6	11	7	6	6	4	7	7	6	6	4	5	6	4	4	7	11	5
2	5	5	6	5	5	6	15	21	19	15	13	14	11	13	****	17	17	21	16	20	19	15	15	16	13
3	13	7	4	2	2	2	5	7	7	7	7	7	4	3	3	3	3	4	13	12	7	7	8	10	6
4	10	7	4	1	1	1	1	1	2	4	4	4	5	7	7	6	7	7	7	9	12	14	9	9	6
5	6	2	2	1	2	3	8	14	16	10	7	6	6	6	-	10	13	12	14	17	19	6	8	17	9
6	10	7	4	2	3	6	18	27	21	14	11	8	6	7	7	13	17	13	12	10	8	9	12	22	11
7	14	9	5	4	4	5	14	20	17	11	10	10	9	9	10	10	13	11	9	10	8	11	11	11	10
8	6	5	4	4	3	6	12	18	18	13	11	10	10	11	12	13	18	16	13	12	9	8	7	7	10
9	4	4	3	2	2	5	17	24	23	14	8	8	5	-	6	7	6	5	6	9	16	32	32	11	11
10	26	13	10	5	5	5	6	5	5	4	4	6	6	4	4	5	5	6	7	5	3	3	3	4	6
11	4	4	2	1	1	1	1	1	1	2	3	4	5	5	5	6	6	5	5	5	7	8	9	10	4
12	5	5	3	4	4	4	15	18	16	12	8	9	9	9	-	9	12	11	12	10	10	8	5	5	9
13	5	8	5	3	4	6	18	21	18	9	9	8	10	10	11	13	11	11	17	20	22	17	13	12	12
14	17	19	26	27	27	38	50	39	29	8	7	6	5	5	3	-	-	2	2	2	1	3	2	2	15
15	7	5	2	1	4	3	2	6	9	9	10	-	-	-	-	6	6	5	8	7	7	13	41	15	8
16	17	9	11	-	6	7	11	11	13	4	3	2	2	2	4	4	4	3	3	4	5	8	4	4	6
17	4	-	3	6	5	4	16	8	5	8	8	6	5	5	6	4	4	4	5	5	8	7	9	16	7
18	28	30	58	56	75	61	59	30	12	6	3	3	3	3	3	3	3	3	4	4	9	11	6	5	20
19	9	41	24	10	1	5	42	21	18	11	13	10	7	4	5	11	14	16	19	27	20	22	27	21	17
20	7	3	1	1	1	4	21	28	31	16	8	-	6	6	7	-	12	10	9	19	32	31	24	22	14
21	17	12	11	9	8	10	5	6	6	6	6	5	5	16	21	8	20	9	6	26	28	24	8	4	12
22	8	9	4	8	8	5	8	12	5	6	5	-	-	7	4	8	6	9	12	14	9	6	5	10	8
23	5	4	2	1	2	3	10	15	13	9	9	-	7	7	9	10	12	11	15	20	16	16	13	11	10
24	10	9	7	4	3	4	7	3	2	2	2	2	2	4	4	2	2	9	14	19	13	12	15	10	7
25	9	9	5	3	3	3	3	2	4	4	5	6	9	9	9	9	9	11	6	6	5	5	4	2	6
26	2	2	2	2	3	8	13	15	13	12	12	11	11	9	11	12	12	9	9	10	9	9	9	6	9
27	3	2	2	2	3	12	19	16	12	9	8	9	9	10	13	14	14	10	9	9	10	9	7	5	9
28	3	2	1	2	4	9	14	15	11	10	9	8	8	8	11	12	12	11	10	9	9	11	11	9	9
29	6	3	3	3	8	21	26	22	14	11	7	5	7	5	7	10	14	15	13	12	16	18	31	28	13
30	18	12	10	9	16	33	48	27	12	12	9	6	5	6	7	6	5	4	6	5	5	4	4	5	11
MEAN	9	9	8	6	7	9	16	15	13	9	8	7	6	7	8	8	10	9	9	11	11	11	12	11	9.7

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35033 EVANS/ARNOLO AVE. ETOBICOKE													MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	19	7	4	4	5	8	15	11	8	4	5	6	4	4	3	5	4	7	9	7	5	6	5	7
2	14	9	10	4	4	5	5	3	4	3	3	-	-	4	3	2	2	3	3	2	2	2	2	2	4
3	1	1	1	1	2	4	12	14	10	8	8	6	7	-	10	10	6	7	6	8	6	7	6	4	6
4	2	2	2	2	2	7	14	13	8	8	7	5	5	-	8	6	3	2	1	2	1	2	2	3	5
5	4	5	3	3	4	3	5	8	6	7	5	5	5	3	3	3	2	2	2	2	2	2	4	5	4
6	5	4	3	2	3	10	16	15	16	18	16	16	21	-	9	8	6	4	3	3	10	4	8	3	9
7	4	3	2	2	4	7	16	17	14	15	12	12	16	16	17	21	17	14	13	15	13	19	24	13	
8	10	4	2	2	3	5	6	7	6	8	8	7	7	6	4	6	4	6	7	4	4	2	2	2	5
9	4	3	2	2	2	2	2	3	6	7	4	4	3	4	5	6	5	6	7	10	21	31	40	38	9
10	40	29	26	22	25	40	37	9	8	9	-	9	11	10	11	5	2	2	3	4	5	3	3	3	14
11	5	4	2	2	4	15	22	18	12	8	7	8	7	-	20	24	14	12	9	7	7	6	4	2	10
12	2	2	2	2	6	17	15	13	11	8	-	7	9	9	10	12	9	8	8	10	13	8	9	11	9
13	12	5	2	3	7	8	9	9	10	10	7	6	5	4	6	9	6	4	4	3	3	3	4	3	6
14	3	13	10	3	4	8	13	12	14	15	14	13	13	15	15	10	9	22	23	20	24	29	32	38	16
15	27	30	29	32	28	19	20	16	9	11	4	4	3	3	4	4	3	3	4	8	5	6	6	3	12
16	2	2	3	3	3	3	5	4	7	10	9	16	10	7	13	8	11	7	7	19	23	12	9	10	8
17	9	12	13	8	6	8	9	15	12	11	7	6	8	8	13	16	16	13	9	6	6	-	5	3	10
18	2	1	1	1	2	7	15	15	9	10	8	7	-	-	9	11	11	9	8	6	6	8	6	5	7
19	5	2	1	2	2	7	14	12	7	8	8	7	9	-	11	12	13	9	5	4	4	4	5	3	7
20	3	1	1	1	3	7	17	19	15	10	7	8	5	6	6	9	11	9	10	-	27	35	27	18	11
21	-	4	3	3	3	7	11	11	8	8	9	8	-	12	13	12	12	10	10	10	13	12	14	14	9
22	10	6	5	3	2	3	4	5	7	6	7	6	6	5	5	5	2	3	6	8	8	6	6	6	6
23	8	4	3	2	3	3	3	2	3	4	4	5	4	5	6	5	5	6	6	9	9	6	5	4	5
24	3	1	1	1	3	2	3	3	4	5	2	2	3	2	2	2	2	2	3	4	4	9	5	3	3
25	3	3	6	8	10	9	10	14	10	6	4	4	-	6	-	-	11	17	14	-	13	14	11	10	9
26	-	6	4	4	8	20	31	29	15	14	-	6	6	-	8	6	8	11	14	17	24	20	25	21	14
27	19	14	11	8	11	19	27	21	13	13	10	7	5	6	6	7	5	5	4	4	6	8	11	8	10
28	16	20	24	20	25	17	11	10	9	7	6	5	6	5	6	7	7	5	6	6	9	12	21	10	11
29	5	3	3	6	9	6	5	4	5	4	3	4	3	3	3	2	4	5	5	6	4	3	6	14	5
30	24	16	9	12	9	8	6	4	4	5	4	4	5	6	6	5	5	6	7	11	11	11	8	8	8
31	5	5	4	4	5	8	21	32	30	18	15	13	12	12	12	18	22	20	25	23	15	22	25	14	16
MEAN	9	8	6	6	7	9	13	12	10	9	7	7	7	7	8	8	8	8	8	8	10	10	11	10	8.6

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION											
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE															MONTH - JUN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	10	9	7	6	7	15	25	27	21	13	8	5	10	9	9	8	6	7	8	7	21	46	50	58	16	
2	53	40	19	9	10	23	33	31	12	4	4	4	5	6	7	8	4	4	4	7	18	38	45	45	18	
3	38	26	16	10	11	24	35	26	18	11	10	11	7	7	7	6	4	4	4	5	4	13	51	60	71	20
4	39	20	10	6	10	22	24	12	8	5	5	5	5	5	5	4	4	4	4	9	9	8	9	31	11	
5	32	25	17	13	14	20	20	15	7	5	3	3	3	3	4	3	2	3	3	3	7	29	37	33	13	
6	19	12	7	4	3	5	6	7	7	7	7	5	7	6	6	6	6	8	9	10	12	14	12	11	8	
7	8	6	5	4	5	10	26	24	14	13	11	10	-	10	12	13	14	12	11	14	19	22	21	15	13	
8	12	9	6	7	11	18	27	29	20	11	9	6	6	5	7	12	13	11	11	15	17	21	26	32	14	
9	23	13	9	9	11	17	25	27	20	-	9	8	7	9	8	8	7	5	5	7	10	10	8	13	12	
10	9	8	6	6	7	13	21	12	9	8	7	6	5	3	4	4	4	5	4	5	6	6	5	5	7	
11	4	3	4	5	5	8	16	20	13	8	6	7	7	8	9	10	9	9	9	9	10	10	9	8	9	
12	7	5	3	1	2	3	4	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	2	
13	1	1	1	1	2	2	1	2	3	2	2	2	2	2	2	2	3	12	15	9	7	9	10	6	4	
14	7	9	7	8	8	14	9	11	11	8	8	-	-	7	8	6	5	5	5	6	6	6	6	7	8	
15	13	18	7	6	8	10	14	14	9	6	7	6	6	5	6	7	6	5	5	6	7	5	4	5	8	
16	5	5	3	3	3	5	8	9	6	9	-	-	8	9	7	9	8	8	8	5	5	5	9	11	7	
17	8	4	3	3	5	11	21	16	14	8	8	6	6	5	8	7	6	4	4	5	7	24	36	36	11	
18	23	19	15	18	24	38	31	16	6	6	6	6	5	6	6	6	5	5	4	4	4	4	4	4	11	
19	7	6	6	7	8	7	6	6	6	5	6	5	5	5	5	5	7	10	9	9	7	9	12	12	7	
20	10	5	2	2	2	2	4	5	6	6	7	8	7	4	4	4	4	4	9	14	38	37	27	16	9	
21	13	11	8	7	13	27	20	18	11	8	8	9	14	8	10	10	10	8	7	5	13	15	17	15	12	
22	11	9	7	8	10	12	15	15	12	11	7	7	7	5	6	6	5	5	6	9	11	18	6	5	9	
23	12	12	11	12	18	29	34	21	11	6	7	5	6	6	6	6	6	5	5	5	5	15	23	16	12	
24	11	9	14	9	10	11	9	13	11	9	10	11	12	8	7	8	7	9	9	8	9	6	5	5	9	
25	9	5	5	5	10	20	21	20	14	12	9	9	11	10	10	9	10	10	11	14	15	9	9	7	11	
26	5	6	6	5	6	8	10	9	8	6	6	6	5	5	5	7	7	15	10	7	7	7	12	9	7	
27	12	14	11	9	9	10	12	10	10	10	10	10	10	9	9	11	10	11	11	11	12	12	12	11	11	
28	13	13	11	11	14	25	32	26	18	13	10	11	11	12	-	11	23	24	27	19	14	-	18	18	17	
29	9	9	-	15	10	22	33	-	-	14	14	13	-	-	14	15	16	14	11	11	10	11	12	11	14	
30	20	22	21	13	12	13	26	16	17	15	14	14	13	13	-	11	12	12	11	12	10	11	9	10	14	
MEAN	15	12	9	7	9	15	19	16	11	8	8	7	7	7	7	7	7	8	8	8	11	16	17	18	10.7	

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033

EVANS/ARNOLD AVE, ETOBICOKE

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	14	11	10	10	12	11	13	13	12	12	11	13	14	11	13	15	13	13	12	10	9	8	8	12
2	7	7	7	6	6	8	9	10	12	11	13	14	17	13	15	19	15	16	16	14	13	12	12	11	12
3	10	7	6	6	7	8	10	9	9	11	13	-	14	14	14	15	16	19	19	18	17	16	14	13	13
4	13	11	9	7	7	8	8	8	9	8	8	9	8	8	9	8	6	7	6	7	9	36	32	19	11
5	13	11	11	11	13	20	27	21	18	18	15	12	11	-	7	10	10	9	11	11	17	31	18	15	15
6	12	8	9	11	14	28	29	13	16	13	14	10	12	9	-	11	8	7	10	17	25	26	22	12	15
7	19	18	18	22	26	36	38	34	29	15	16	15	14	11	7	7	20	13	10	15	14	9	9	18	18
8	8	9	6	5	5	10	20	16	12	14	13	12	12	11	13	12	12	12	13	15	15	12	13	12	12
9	11	9	7	7	9	18	29	28	20	-	12	11	10	8	8	8	7	8	8	7	9	16	21	12	12
10	20	19	16	10	11	11	9	14	13	10	9	7	8	9	10	10	9	11	11	10	11	11	11	14	11
11	18	13	12	11	13	14	12	16	12	7	7	6	5	5	6	6	6	6	6	8	8	8	7	5	9
12	3	2	2	1	3	6	11	9	8	8	-	8	10	10	10	12	9	8	5	4	5	5	3	7	7
13	3	2	2	2	2	6	10	9	8	6	8	7	8	8	9	12	12	10	9	9	9	8	11	9	7
14	9	7	8	7	12	17	24	19	13	15	16	16	15	15	18	15	9	9	10	14	8	5	8	5	12
15	12	9	10	12	22	22	27	18	8	8	7	6	6	7	8	8	5	4	5	4	5	5	5	6	10
16	4	5	5	6	9	13	18	14	8	14	13	12	10	-	10	12	12	10	10	8	9	7	9	8	10
17	7	4	3	3	6	7	7	7	6	6	5	5	5	5	5	5	9	9	8	9	8	7	6	7	6
18	9	6	5	5	4	6	7	6	5	4	4	3	4	5	6	5	6	6	8	9	10	15	9	7	6
19	7	7	7	10	10	14	23	19	13	10	8	6	6	6	7	8	8	5	5	7	5	5	5	5	9
20	5	5	5	7	8	9	11	14	12	13	11	11	11	13	11	8	8	8	8	7	10	8	11	19	10
21	12	9	9	9	11	18	30	28	18	12	10	9	10	12	-	-	-	-	-	-	-	-	-	-	*****
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	7	7	6	7	5	5	6	*****	*****
23	7	6	6	7	19	21	19	14	13	11	11	11	18	15	13	10	11	12	13	14	22	15	13	27	14
24	27	20	14	10	10	12	10	11	11	11	11	11	10	10	9	9	8	9	11	10	12	15	16	12	12
25	15	7	5	3	3	6	7	7	3	5	2	2	2	2	2	2	2	2	3	3	6	5	12	5	5
26	16	22	10	9	8	10	16	12	9	6	6	6	-	7	7	6	7	7	5	6	6	4	5	9	9
27	6	6	7	8	9	11	19	23	20	15	13	11	10	10	13	15	15	14	13	14	18	22	22	14	14
28	9	8	7	7	9	16	25	24	13	7	7	7	-	7	8	9	9	9	7	7	7	7	7	7	10
29	6	6	6	6	6	8	10	12	8	12	9	14	15	21	27	27	23	18	17	16	17	17	12	13	13
30	12	12	12	12	13	20	26	22	18	14	13	11	9	9	9	11	9	8	9	9	9	8	8	9	12
31	19	12	9	13	12	11	11	15	18	13	10	8	8	10	9	17	12	13	12	12	11	11	13	12	12
MEAN	11	9	8	8	10	13	17	15	13	11	10	9	10	10	10	11	10	10	10	10	11	12	12	11	10.8

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 4.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033

EVANS/ARNOLD AVE, ETOBICOKE

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	8	7	6	6	5	6	6	7	8	8	7	8	8	8	8	8	8	9	10	10	14	-	-	8
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	7	7	6	7	14	17	11	10	11	10	9	7	8	6	7	7	7	5	4	4	5	5	6	5	8
5	4	4	5	5	5	7	10	10	9	8	7	7	6	6	7	7	6	6	7	7	12	12	13	11	8
6	9	7	6	6	7	14	17	16	12	12	11	6	-	6	7	7	5	5	6	6	5	19	27	28	11
7	26	8	5	5	6	9	9	8	7	6	6	4	3	3	4	4	10	8	12	18	17	16	15	13	9
8	15	8	7	5	5	5	7	7	8	11	11	13	13	13	13	14	15	17	19	20	21	16	17	13	12
9	10	8	7	7	10	20	24	28	25	21	20	18	17	-	-	-	-	-	-	-	-	-	-	-	*****
10	-	-	-	-	-	-	-	-	-	-	-	-	14	15	-	16	18	18	8	10	16	36	44	45	*****
11	-	18	12	12	14	-	-	15	12	10	10	11	12	10	8	8	8	7	9	8	7	6	7	7	10
12	7	8	8	7	7	8	14	14	12	12	11	11	10	11	10	9	9	9	10	9	12	12	12	10	10
13	11	18	14	12	13	12	14	15	24	21	16	14	14	4	11	25	20	21	19	20	16	31	24	21	17
14	34	23	15	11	11	12	17	16	15	15	12	10	10	10	11	12	11	11	19	23	22	16	10	20	15
15	20	15	10	8	8	9	10	11	10	11	12	12	11	11	11	10	9	12	14	16	18	16	13	8	12
16	6	3	3	3	6	12	25	26	15	-	10	10	10	10	12	11	12	11	11	12	17	14	15	13	12
17	8	5	6	5	8	18	39	34	29	20	14	10	11	8	12	14	14	12	12	19	23	18	18	15	16
18	7	5	4	4	6	12	26	25	-	18	12	11	9	7	7	8	7	7	6	7	7	11	48	48	13
19	40	26	19	19	23	38	57	47	18	8	10	8	9	9	9	9	6	7	8	7	10	10	9	29	18
20	33	24	33	28	32	33	28	26	20	-	9	9	9	7	8	7	7	7	8	7	9	13	18	15	17
21	17	12	11	8	7	15	19	15	13	10	9	9	7	7	7	6	7	7	7	7	9	14	21	26	11
22	22	21	16	9	9	12	12	10	9	8	9	8	8	7	7	6	7	8	11	10	14	20	23	15	12
23	13	9	8	7	9	15	24	27	22	-	-	10	9	10	10	9	9	12	16	17	14	16	18	14	14
24	9	8	7	7	8	10	22	22	10	8	7	8	-	6	-	-	-	-	9	10	-	11	14	41	12
25	44	34	23	17	18	-	-	-	57	-	-	13	12	12	12	12	11	14	15	13	13	14	42	20	20
26	44	41	36	34	34	40	55	55	57	27	17	15	14	16	17	18	16	14	15	15	13	13	12	12	26
27	12	16	20	13	11	12	19	17	15	14	15	-	11	13	13	12	12	13	13	12	11	12	12	10	13
28	10	10	10	9	9	8	10	9	9	9	8	9	9	8	10	13	10	13	15	18	22	24	18	12	12
29	18	12	8	6	6	5	6	6	7	8	11	10	9	10	11	10	11	10	10	11	10	9	10	11	9
30	5	3	3	3	5	10	24	22	17	13	-	-	-	10	13	11	12	14	15	13	10	12	22	24	12
31	13	9	6	6	13	26	39	42	16	11	8	5	5	5	4	4	4	4	5	6	4	6	6	7	11
MEAN	17	13	11	10	11	15	21	20	17	12	11	10	10	9	9	10	10	10	11	12	12	14	17	19	12.9

PERCENTAGE OF DATA VALID - 88.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 11.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-"



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	5	6	9	15	25	31	26	20	19	17	-	24	21	16	13	17	18	11	13	15	17	15	16
2	9	7	5	4	7	17	33	29	18	10	5	5	5	6	8	8	7	6	7	8	10	11	22	16	11
3	37	32	32	28	32	40	60	47	18	7	7	6	6	5	4	5	5	4	6	7	7	6	6	6	17
4	5	5	3	4	4	4	5	6	6	8	9	9	11	12	13	13	11	13	16	19	17	13	12	12	10
5	12	8	5	4	4	4	5	6	7	8	9	10	10	8	8	9	10	10	10	10	11	9	13	16	9
6	10	9	6	2	2	5	9	10	10	8	7	7	5	2	2	2	4	8	11	20	26	21	24	28	10
7	23	12	14	8	8	16	33	21	-	7	7	8	8	9	9	9	10	5	6	6	6	7	14	15	11
8	15	15	11	16	20	31	43	32	24	20	19	11	8	9	11	11	9	7	8	8	8	27	28	16	17
9	21	21	20	27	20	19	21	35	21	9	10	10	9	9	10	10	10	9	8	12	24	27	30	25	17
10	16	7	7	7	7	10	14	16	13	12	13	13	12	12	13	13	12	11	9	9	7	6	6	6	10
11	3	3	2	2	2	3	4	4	6	7	7	8	10	10	7	8	10	11	17	12	14	9	12	21	8
12	44	41	37	32	36	21	20	11	7	6	5	5	4	6	6	6	7	10	15	24	24	16	19	14	17
13	10	10	15	31	26	22	61	44	27	17	14	8	6	-	8	8	8	8	9	7	7	7	13	20	17
14	15	8	6	10	23	41	39	28	27	21	15	11	9	8	8	8	9	9	11	9	8	8	7	6	14
15	15	17	16	20	17	25	-	42	24	16	15	12	11	12	14	11	9	7	18	22	23	35	21	21	18
16	15	12	6	6	9	9	13	19	12	13	21	14	8	9	10	12	11	10	17	22	18	18	18	14	13
17	10	6	6	6	6	15	22	23	19	15	15	17	18	12	-	24	18	17	22	24	24	20	18	15	16
18	18	10	8	8	7	8	10	12	14	14	14	14	12	13	15	16	16	16	28	35	25	17	16	17	15
19	17	12	9	6	6	6	11	11	8	8	5	5	5	6	7	8	8	11	18	28	15	7	7	8	10
20	5	5	5	8	10	9	15	16	19	15	18	12	13	12	12	13	14	13	10	9	7	8	8	6	11
21	3	3	2	3	9	29	37	44	20	6	5	5	-	5	7	12	17	22	7	5	8	14	14	7	12
22	4	3	2	2	2	3	5	8	5	5	10	8	10	8	14	13	11	13	8	7	9	9	10	7	7
23	8	8	9	4	5	6	6	8	8	6	5	8	8	9	11	13	12	10	12	13	13	15	11	5	9
24	4	3	3	4	9	20	42	29	13	9	10	12	-	11	6	6	6	5	7	6	10	7	9	11	11
25	9	8	7	6	8	10	6	8	7	6	5	6	4	4	5	6	9	14	14	11	9	10	14	17	8
26	19	14	14	12	11	14	17	15	13	9	5	5	5	3	4	18	22	22	19	20	17	16	15	10	13
27	8	4	4	4	8	16	31	33	23	20	10	6	-	6	11	12	8	6	9	31	15	11	11	8	13
28	5	4	4	3	5	12	24	29	19	14	11	9	-	-	6	7	6	6	9	13	21	12	10	9	11
29	5	3	3	3	4	6	11	9	7	6	5	5	3	5	6	8	9	17	24	12	14	11	11	8	8
30	11	9	6	7	9	35	53	40	32	19	5	4	4	5	8	7	5	7	10	16	9	44	51	48	19
MEAN	13	10	9	9	11	16	23	22	16	11	10	9	8	9	9	10	10	11	13	15	14	15	16	14	12.6

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	55	46	24	19	20	29	39	33	19	9	5	7	6	4	8	14	10	8	6	8	10	9	17	31	18
2	42	39	25	19	34	38	54	55	32	21	13	11	9	7	7	8	8	11	21	15	15	65	61	40	27
3	48	30	8	6	4	6	7	7	8	9	5	3	3	2	3	3	5	4	9	31	53	58	57	50	17
4	40	35	29	22	23	40	83	70	19	7	6	5	6	-	5	7	8	8	15	33	40	39	34	34	26
5	21	29	27	30	28	10	23	16	10	9	7	7	9	5	5	4	4	3	4	4	3	4	8	8	12
6	5	4	3	4	4	6	14	14	12	8	7	7	9	10	10	8	9	7	6	6	7	7	6	3	7
7	3	3	3	2	3	9	26	23	13	14	13	12	11	13	16	19	20	21	21	18	13	11	10	7	13
8	5	4	4	3	5	11	27	32	25	25	25	19	20	20	22	23	24	25	23	21	18	16	16	15	18
9	12	8	4	3	3	3	6	8	10	10	10	10	10	10	9	9	12	13	8	7	6	6	9	9	8
10	6	5	3	2	1	1	3	4	4	4	4	5	6	7	7	7	8	7	13	17	16	12	12	12	7
11	9	8	6	6	7	10	18	18	14	6	4	3	3	3	3	3	3	5	7	7	5	5	4	4	7
12	6	7	8	7	7	14	30	23	14	9	9	8	8	7	7	7	7	8	8	6	6	8	9	10	10
13	4	5	5	4	6	8	16	27	29	16	12	8	7	7	12	12	15	15	12	10	7	8	9	6	11
14	3	2	2	2	3	9	17	25	21	15	10	9	9	9	10	13	14	15	12	5	6	13	15	6	10
15	6	5	5	3	3	4	8	6	4	3	4	4	6	6	10	9	11	14	12	10	8	6	6	6	7
16	4	2	2	2	3	4	5	7	10	10	10	11	12	11	11	12	15	19	20	18	11	8	11	14	10
17	14	10	4	3	2	2	2	4	5	7	7	6	8	6	7	10	11	10	8	11	11	12	8	5	7
18	3	2	2	3	4	17	42	41	17	12	-	8	9	9	13	21	20	20	15	11	11	12	11	10	14
19	9	7	4	4	7	19	31	14	23	14	8	13	9	11	8	10	4	3	6	4	4	18	15	8	11
20	9	4	4	4	7	21	34	23	13	8	6	8	5	6	27	25	31	26	26	22	16	15	12	7	15
21	5	2	2	2	2	7	15	15	11	7	7	6	5	-	8	6	7	5	4	3	2	3	2	2	6
22	2	2	1	2	2	6	12	16	12	11	7	7	8	8	13	14	8	8	12	8	5	4	7	3	7
23	5	7	5	4	3	4	4	5	4	4	6	7	7	7	6	9	18	25	26	27	42	37	38	41	14
24	27	15	6	1	1	2	2	2	2	2	2	2	5	11	12	12	13	15	16	15	14	13	11	7	9
25	3	2	2	2	3	11	26	26	25	23	-	18	20	20	19	26	21	25	16	12	16	22	30	24	17
26	20	12	9	5	5	14	30	31	21	15	14	10	11	12	12	-	18	21	18	14	10	13	14	12	15
27	9	6	4	4	5	13	29	31	25	17	11	11	12	11	12	20	21	21	19	15	22	22	17	7	15
28	10	8	9	3	4	4	8	7	6	5	5	6	4	6	6	7	5	4	3	3	1	2	2	2	5
29	2	2	1	1	1	2	5	8	5	4	5	5	7	9	5	9	8	9	2	3	3	2	2	3	4
30	3	2	4	3	3	4	6	7	11	7	9	6	5	6	7	8	9	14	20	27	14	11	11	11	9
31	-	-	-	-	-	-	-	-	-	-	-	-	7	6	7	7	10	11	12	7	11	18	19	21	*****
MEAN	13	10	7	6	7	11	21	20	14	10	8	8	8	9	10	11	12	13	13	13	13	15	16	13	11.0



## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 35033					EVANS/ARNOLD AVE, ET0BICOKE										MONTH - NOV 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	9	4	3	1	1	3	27	55	46	28	12	13	9	12	14	17	23	30	38	42	30	32	27	30	21		
2	29	18	13	17	21	38	85	58	36	16	13	10	-	-	-	6	7	4	3	5	6	5	15	15	20		
3	7	6	7	6	5	7	11	20	19	12	7	6	5	4	3	3	6	9	31	45	71	68	79	93	22		
4	80	64	60	34	4	6	25	52	66	65	9	8	7	7	11	20	7	4	5	7	5	5	4	23			
5	3	3	2	2	2	4	6	15	18	11	8	6	8	-	15	17	23	27	16	20	18	6	3	2	10		
6	3	2	1	1	2	1	1	2	2	3	3	3	3	4	4	4	4	4	3	4	4	9	9	3	3		
7	8	7	5	3	2	2	2	2	2	3	4	6	6	7	7	10	10	10	15	16	12	12	10	10	7		
8	6	1	1	1	1	2	9	24	23	15	10	10	9	10	-	18	21	16	18	16	10	10	12	5	11		
9	6	1	2	1	2	3	20	6	5	8	4	5	6	5	6	6	6	7	9	12	7	9	18	13	7		
10	11	12	9	6	5	6	11	30	27	18	10	7	7	10	16	19	19	20	18	13	14	12	13	14	14		
11	11	5	3	3	3	4	12	39	29	17	12	10	8	6	7	11	13	11	11	7	10	12	10	10	11		
12	8	5	5	5	5	8	17	30	32	21	15	14	11	12	15	16	18	15	16	16	12	12	10	8	14		
13	6	7	3	3	3	3	3	5	4	4	5	6	7	4	4	5	7	10	6	5	3	2	1	1	4		
14	2	2	2	1	1	1	1	1	2	2	-	4	4	5	5	7	10	21	33	41	53	56	30	20	13		
15	17	12	12	10	7	9	25	43	49	39	-	6	-	9	9	13	19	26	32	36	27	22	19	25	21		
16	29	22	11	8	5	9	30	45	43	21	11	5	5	5	-	13	18	24	9	11	8	8	7	8	15		
17	11	7	6	9	6	7	9	16	22	7	8	7	5	10	9	10	10	8	6	4	4	7	12	11	9		
18	9	7	7	5	5	4	9	16	20	18	14	12	11	13	12	16	18	10	9	5	4	5	6	7	10		
19	8	6	7	5	5	6	13	26	27	21	13	12	12	11	12	14	17	18	14	17	20	20	19	16	14		
20	15	14	10	5	4	4	6	10	12	13	13	15	12	17	16	16	16	18	18	19	15	8	7	8	12		
21	8	10	8	4	3	3	3	4	6	7	8	8	8	8	3	12	15	13	12	12	10	6	3	3	7		
22	3	3	3	3	3	4	8	15	16	14	11	10	9	9	11	15	15	11	9	6	4	4	4	3	8		
23	3	3	2	2	2	3	4	7	9	8	9	9	9	9	11	12	12	13	7	4	3	3	3	3	6		
24	3	2	2	2	3	4	7	11	11	8	5	5	11	10	10	-	22	23	19	12	11	8	7	6	9		
25	6	3	3	3	3	3	4	9	13	17	20	10	11	13	12	16	20	15	10	12	11	12	12	14	11		
26	11	8	7	9	8	8	7	11	12	11	10	10	10	11	11	11	12	9	6	5	5	5	6	7	9		
27	5	5	3	3	3	4	5	5	5	9	4	4	7	8	8	10	11	12	12	11	10	6	4	4	7		
28	3	3	3	2	2	2	2	2	4	5	5	-	10	9	7	7	9	10	10	8	8	8	9	7	6		
29	3	2	1	1	1	2	7	14	13	13	9	8	-	8	8	8	7	6	4	4	3	2	2	2	6		
30	3	2	1	1	1	3	4	7	6	4	3	2	4	-	5	9	14	15	14	12	9	4	4	4	6		
MEAN	11	8	7	5	4	5	12	19	19	15	9	8	8	9	9	12	14	14	14	14	14	12	12	12	11.2		

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 35033					EVANS/ARNOLD AVE, ET0BICOKE										MONTH - DEC 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	3	3	3	2	2	3	4	13	20	10	8	7	7	7	8	8	8	6	5	5	4	6	6	4	6		
2	5	5	5	3	3	3	6	13	14	11	8	8	8	9	9	10	13	13	11	10	5	4	4	4	8		
3	4	5	5	4	4	7	17	34	38	32	13	11	10	8	5	12	7	8	7	16	17	19	23	10	13		
4	3	4	5	4	4	4	4	5	5	4	16	17	18	18	16	16	17	20	14	10	8	6	5	4	9		
5	3	3	3	3	2	3	2	2	2	3	5	6	7	5	5	4	5	8	8	10	14	21	29	32	8		
6	29	17	15	13	15	9	4	8	11	10	10	11	-	-	15	17	17	13	9	10	12	5	4	4	12		
7	6	6	7	7	6	8	17	21	14	10	11	12	12	12	13	15	19	24	22	18	10	10	11	10	13		
8	6	5	4	3	3	4	10	26	33	29	25	15	10	13	9	9	8	9	6	6	6	7	6	8	11		
9	6	5	4	4	5	6	12	24	32	27	20	20	18	16	11	17	14	19	8	6	8	8	6	7	13		
10	7	6	5	8	8	7	12	18	13	9	6	6	5	5	5	5	6	5	4	5	5	6	5	5	7		
11	5	4	4	6	2	3	3	3	4	9	8	6	4	6	4	7	6	6	6	5	5	5	5	5	5		
12	5	5	6	10	5	5	4	5	4	7	-	5	6	4	9	11	8	5	5	6	6	7	5	4	6		
13	2	2	0	0	0	2	13	14	14	10	12	12	12	11	11	19	21	21	22	11	9	9	9	7	9		
14	5	3	9	5	10	12	6	6	7	7	6	7	7	4	-	-	-	-	-	-	-	-	-	-	9		
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	13	14	35	56	46	75	70	70	79		
16	63	29	9	32	25	26	47	53	47	46	41	30	28	38	38	39	42	36	35	27	21	17	12	9	33		
17	7	5	4	4	4	5	7	7	8	10	14	15	15	17	20	21	23	23	21	15	13	15	15	14	13		
18	9	8	5	4	3	3	4	6	7	10	10	12	15	15	12	9	19	10	9	9	8	5	5	8	9		
19	7	7	7	6	5	4	7	7	6	7	8	8	12	11	10	13	15	18	16	25	50	17	15	15	12		
20	15	10	13	13	8	7	10	18	15	29	47	28	18	16	14	13	14	13	11	10	7	5	6	7	14		
21	5	4	3	3	2	3	5	13	13	8	7	7	8	9	9	10	12	13	13	10	9	9	9	8	8		
22	6	5	4	3	2	3	3	3	6	6	5	5	5	6	6	7	6	6	5	5	5	5	5	4	5		
23	3	3	3	3	3	3	4	6	10	11	12	11	11	12	15	18	23	22	21	16	10	7	6	8	10		
24	6	4	3	3	4	3	4	8	7	4	3	4	4	4	4	4	5	5	5	5	5	8	7	6	5		
25	5	6	6	5	6	7	4	4	3	3	3	3	5	7	4	7	10	9	15	14	13	12	12	14	7		
26	9	5	3	3	3	3	6	8	7	5	5	7	4	9	9	12	13	16	15	8	6	4	5	6	7		
27	5	3	2	1	1	2	3	5	6	7	7	3	2	2	3	4	2	5	11	13	17	18	21	12	6		
28	7	5	5	3	3	2	5	11	14	15	10	10	11	12	13	18	24	26	19	20	17	14	15	17	12		
29	22	24	22	12	5	9	10	19	19	15	9	6	8	9	10	11	7	5	4	3	3	3	3	3	10		
30	3	3	4	3	3	5	5	9	16	19	15	10	11	11	12	14	22	24	20	18	15	14	12	10	12		
31	9	7	6	5	5	5	3	3	3	3	3	4	13	14	15	20	17	14	11	16	15	10	7	7	9		
MEAN	9	7	6	6	5	5	8	12	13	13	12	10	10	11	11	12	14	15	14	13	13	12	11	11	10.5		

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	11.3	23	45
FEB	29	9.7	22	101
MAR	31	8.6	21	57
APR	30	9.7	20	75
MAY	31	8.6	16	40
JUN	30	10.7	20	71
JUL	29	10.8	18	38
AUG	27	12.9	26	57
SEP	30	12.6	19	61
OCT	30	11.8	27	83
NOV	30	11.2	23	93
DEC	29	10.5	33	79
YEAR	357	10.7	33	101

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	203	224	196	74	29	5	0	731
FEB	310	168	128	54	17	2	7	686
MAR	323	220	141	41	7	3	5	740
APR	241	239	168	36	9	5	5	703
MAY	293	235	143	39	12	0	0	722
JUN	171	283	179	43	21	4	5	706
JUL	82	316	271	36	6	0	0	711
AUG	55	270	252	49	17	11	5	659
SEP	107	274	226	63	25	11	4	710
OCT	203	236	176	69	25	8	10	727
NOV	232	214	188	38	12	8	15	707
DEC	246	225	179	39	13	8	7	717
YEAR	2466	2904	2247	581	193	65	63	8519

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.0	0	2.4	5.1	7.8	11.5	20.5	26.9	37.5	44.9	101	10.7

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
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19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27	2	1	1	2	2	1	3	5	6	2	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2
28	1	3	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	2	3	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	4	2	2
MEAN	2	2	3	1	1	1	2	3	3	2	2	1	1	1	1	2	3	3	3	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 11.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 88.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	3	6	5	5	0	0	0	0	0	0	1	1	1	1	1	1	1	1
2	3	3	2	2	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1
3	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	3	2	1
4	4	3	4	4	6	5	4	5	6	5	3	****	****	1	1	****	1	1	1	1	1	1	2	2	3
5	2	2	1	2	2	2	2	11	13	3	8	4	4	3	3	3	3	2	2	2	2	1	1	1	3
6	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	2	2	2	3	3	3	2	1	2	2
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1
8	1	1	1	1	1	2	7	4	1	1	1	****	1	1	1	1	1	2	5	8	8	10	16	25	4
9	16	15	14	9	9	8	15	12	3	2	2	2	1	1	1	1	1	1	1	1	1	2	3	8	5
10	9	10	11	9	7	9	7	4	6	6	5	5	5	4	4	6	5	7	10	6	3	2	2	3	6
11	3	2	2	1	2	2	3	4	2	2	1	1	1	1	1	2	3	5	7	10	13	10	14	13	4
12	6	0	1	0	0	2	1	1	1	1	1	1	1	1	2	2	3	2	3	3	3	3	3	2	2
13	2	3	3	2	2	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
14	2	2	2	2	2	2	2	2	1	2	3	2	2	2	3	3	3	3	3	2	3	2	1	1	2
15	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	2	6	7	6	12	15	1	3
16	1	0	0	0	1	0	0	1	1	5	2	4	8	10	8	4	4	6	2	2	2	2	2	1	3
17	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	5	5	5	7	7	2
18	6	10	8	6	5	7	11	20	14	5	3	2	3	3	3	3	3	4	3	3	3	3	3	3	6
19	3	4	3	5	7	9	16	6	5	4	5	5	4	4	4	4	4	5	4	4	3	3	3	3	5
20	3	3	3	2	2	2	3	4	4	3	3	3	4	4	4	4	6	5	5	4	4	3	3	3	4
21	2	3	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	0	1	1	1	1	1	1	2	4	4	4	4	2	2	2	1	1	2	3	5	5	2	2	2	2
23	3	3	3	2	2	3	3	5	5	3	3	2	2	2	2	2	3	3	3	3	4	4	4	4	3
24	4	2	2	2	2	2	3	4	3	3	3	4	****	****	2	2	4	3	3	3	4	4	3	2	3
25	1	1	1	2	1	1	2	5	5	2	2	2	2	2	2	2	2	3	5	7	7	6	8	11	3
26	30	9	2	2	1	1	4	2	0	1	2	2	0	0	1	1	1	0	1	5	4	1	5	9	4
27	19	16	9	11	11	11	5	4	2	2	2	3	2	2	4	3	3	3	1	2	1	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	6	9	7	11	2
29	8	7	9	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	2	6	11	15	20	20	3
31	15	1	2	1	1	2	3	3	4	5	5	3	3	1	3	3	3	3	6	3	5	5	2	2	4
MEAN	5	3	3	3	3	3	3	4	3	2	2	2	2	2	2	2	2	2	3	3	4	4	4	5	3.0

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	1	2	2	3	3	4	3	2	2	2	2	2	2	2	3	2	2	4	3	2	4	2
2	2	3	2	2	2	2	4	5	5	3	2	1	***	1	1	2	2	2	4	6	7	6	5	4	3
3	4	7	2	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	3	3	3	1	1	1	1
4	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	2	1	1	1
5	1	1	0	0	1	1	1	2	2	2	2	2	2	0	0	0	1	2	1	4	4	5	4	4	2
6	3	3	3	2	2	3	3	3	2	2	1	1	-	1	2	2	2	3	3	4	3	4	9	3	3
7	6	3	2	1	1	1	3	3	3	2	2	2	2	2	2	2	1	2	3	5	3	1	2	2	2
8	1	1	1	1	1	2	2	2	2	2	0	0	2	1	1	2	2	2	3	5	4	3	2	2	2
9	1	1	1	1	1	2	3	3	5	4	4	2	2	1	1	2	1	1	2	11	20	24	7	3	4
10	4	4	4	3	3	3	4	4	3	3	3	2	3	2	2	2	2	2	2	2	2	2	1	2	3
11	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1
12	3	2	2	3	2	2	3	2	1	1	1	1	-	1	1	1	1	2	2	3	4	5	4	6	2
13	3	2	1	1	1	2	2	2	3	2	2	2	2	-	2	2	2	2	3	6	6	8	7	6	3
14	6	8	6	4	5	6	10	13	7	5	5	7	4	3	3	3	3	3	3	4	6	5	5	6	5
15	6	5	4	3	2	2	3	3	5	6	4	3	3	3	3	4	3	4	4	10	8	6	5	3	4
16	4	3	2	3	6	7	6	3	3	3	3	3	3	2	2	2	2	3	3	5	9	7	4	3	4
17	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1	1	1	3	6	8	6	11	30	4
18	23	22	18	11	6	5	5	5	2	2	3	1	1	1	1	1	1	2	3	5	9	10	7	4	6
19	6	6	3	1	2	5	6	4	4	3	2	2	2	1	1	1	1	2	3	5	6	9	13	20	5
20	9	2	1	1	1	1	1	3	3	2	1	1	3	3	1	3	3	2	2	7	11	25	21	8	5
21	7	6	7	8	3	2	2	1	1	1	1	1	-	-	2	2	2	2	5	13	16	12	4	2	5
22	2	2	5	4	3	3	2	4	4	3	3	3	3	2	2	3	3	3	5	-	-	-	-	-	3
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	4	11	8	10	4	4	*****
24	4	3	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	2
25	1	1	1	1	1	1	5	3	5	4	4	1	3	3	3	2	3	4	3	2	2	2	1	1	2
26	0	0	0	0	0	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
27	1	1	1	1	1	2	4	2	2	1	2	2	1	1	1	1	1	2	1	2	2	1	1	1	2
28	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
29	2	1	1	1	2	4	6	5	3	3	3	2	4	-	-	-	-	-	-	-	-	-	-	-	*****
30	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	2	2	2	3	2	2	3	7	5	*****
MEAN	4	3	3	2	2	2	3	3	3	2	2	2	2	1	2	2	2	2	3	5	6	6	5	5	2.9

PERCENTAGE OF DATA VALID - 93.2

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 6.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	24	7	2	3	4	6	4	5	2	2	3	2	2	2	2	2	2	2	2	4	4	3	3	5
2	5	10	4	3	1	2	2	2	3	3	2	2	1	2	2	1	2	2	2	2	2	2	2	1	3
3	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1	1	2	2	1
5	2	2	2	1	1	2	2	3	2	2	3	2	-	0	0	0	1	0	0	0	2	3	3	2	2
6	0	0	0	0	0	0	0	0	0	0	0	0	4	1	2	2	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	3	3	2	3	5	18	22	1	17	3
8	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	2	2	5	3	2	4	3	1
9	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1	1	2	5	17	21	23	17	4
10	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	4	3	5	5	5	3	3	4	2
11	0	0	0	0	0	0	4	2	4	4	4	2	2	2	5	4	4	3	3	2	2	2	2	2	2
12	0	0	0	2	2	2	2	0	0	0	0	0	1	2	1	2	2	2	3	5	5	6	5	4	2
13	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	2	2	2	2	9	15	6	2
14	0	0	0	0	0	2	2	2	2	2	2	-	5	4	5	4	5	5	5	5	6	9	10	13	4
15	8	4	0	0	0	0	2	4	2	2	2	2	1	2	1	1	1	1	2	2	2	2	2	2	2
16	0	0	0	0	0	0	0	0	0	0	0	0	5	4	4	3	2	2	2	10	13	4	8	7	3
17	0	0	0	0	0	0	0	0	0	0	0	-	2	2	3	4	3	2	2	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	3	3	4	3	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	3	4	4	4	3	3	2	2	2	2	2	3	5	10	9	6	5	3
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	6	3	3	2
22	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	5	2	1
23	2	3	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	3	5	4	2	2	2
24	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	2	3	4	2	2	1
25	1	1	2	5	3	0	1	2	4	3	1	-	1	1	1	1	1	1	4	2	-	-	-	2	2
26	1	1	1	1	3	10	7	5	5	-	-	4	2	1	0	2	2	3	2	2	13	16	17	15	5
27	6	6	4	3	3	5	6	5	4	3	2	1	0	1	1	1	1	1	1	1	2	11	9	11	4
28	11	8	5	8	11	17	20	6	3	3	2	-	1	1	1	1	1	1	1	3	3	1	1	1	5
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
30	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	*****
MEAN	2	2	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	3	5	5	5	5	2.2

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 44010 1298 REBECCA ST OAKVILLE											MONTH - JUN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0	0	0	1	1	3	10	22	17	10	*****
2	11	7	6	3	5	7	8	7	5	1	1	0	0	0	0	0	0	0	0	3	19	16	10	13	5
3	9	9	6	5	5	8	11	8	5	4	2	1	3	2	1	2	2	2	1	6	23	30	20	16	8
4	8	6	4	4	5	6	8	3	2	2	2	-	1	1	1	1	1	1	1	2	12	9	1	9	4
5	11	12	17	10	6	6	6	6	5	6	4	2	1	1	1	1	1	1	1	4	15	16	10	13	7
6	10	8	6	4	4	4	6	3	2	3	1	1	2	1	2	1	1	2	2	3	2	3	4	5	3
7	3	2	2	2	2	4	4	3	2	2	2	2	2	1	2	2	2	2	3	4	11	19	12	4	4
8	4	3	5	5	5	3	5	4	3	3	2	2	2	2	2	2	3	3	5	10	9	8	6	6	4
9	6	4	6	5	4	7	11	7	6	4	3	3	-	3	3	2	2	3	4	3	3	3	5	7	5
10	7	10	3	2	3	3	-	5	3	4	3	3	2	2	3	3	3	3	4	4	6	4	4	4	4
11	3	2	2	2	2	3	4	4	4	3	3	3	3	3	3	2	1	1	1	2	2	2	2	2	2
12	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	3	6	3	2	3	4	1
14	3	3	2	2	2	3	3	4	6	5	5	4	-	-	-	-	-	-	-	-	-	-	-	-	*****
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	3	4	3	1	*****	
30	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
MEAN	6	5	4	3	3	4	5	4	3	3	2	2	1	1	1	1	1	2	2	3	8	9	7	6	3.7

PERCENTAGE OF DATA VALID - 47.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 52.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - C NO 44010 1298 REBECCA ST OAKVILLE											MONTH - JUL 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	-	2	2	2	2	2	2	2	2	3	2	2	2
3	2	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	-	-	2
4	-	-	-	-	-	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	4	9	19	15	4
5	9	10	6	6	6	8	5	5	2	2	3	2	2	2	2	2	2	2	2	3	4	12	10	7	5
6	5	6	5	5	6	7	10	9	8	6	4	3	1	1	1	1	1	2	3	3	4	9	10	8	5
7	6	7	6	4	3	4	6	4	4	3	3	3	2	2	2	2	3	3	4	4	6	9	5	2	4
8	4	3	3	3	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
9	3	1	1	1	2	3	5	4	4	3	3	-	1	0	1	1	1	1	1	1	2	4	8	6	2
10	7	9	9	8	5	4	4	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	3	4	
11	5	7	2	2	2	3	3	3	3	3	3	4	3	3	3	2	2	2	2	1	2	2	2	2	3
12	1	1	1	1	1	2	2	1	2	1	2	2	-	2	2	2	2	2	2	2	0	0	1	0	1
13	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	2	2	2	2	2	1	2	3	3	1
14	2	1	1	1	1	2	4	4	3	2	2	3	3	3	3	4	3	2	2	3	2	2	4	6	3
15	3	3	5	3	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	2	4	7	3
16	4	3	3	3	2	3	3	3	5	6	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3
17	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2	2	3	4	5	5	4	2
19	1	1	1	1	1	2	3	3	3	3	3	-	2	2	2	2	2	2	2	3	3	2	2	2	2
20	2	2	1	1	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	2
21	2	2	2	2	2	3	4	5	3	2	1	1	1	1	2	2	2	2	2	2	8	5	3	3	3
22	2	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	2	2	3
23	0	0	1	1	1	3	3	3	2	2	3	-	3	2	2	2	2	2	2	3	8	7	10	7	3
24	4	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3	3	3	3	2
25	3	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	3	4	5	4	2
26	3	3	3	3	4	9	10	4	3	2	2	2	2	2	2	3	2	2	2	2	2	3	3	2	3
27	2	2	2	2	2	4	5	4	4	3	2	2	3	3	2	1	2	1	1	3	7	5	4	3	3
28	2	1	1	1	1	2	9	7	6	5	2	2	1	1	2	2	2	2	2	1	3	3	2	3	5
29	1	3	3	2	2	3	3	3	3	3	4	3	4	5	7	8	12	10	10	7	7	8	8	6	3
30	6	6	6	5	6	8	9	7	6	6	-	6	5	4	4	3	3	3	4	4	6	16	16	8	6
31	7	8	9	8	8	6	6	6	7	7	7	7	6	6	6	6	8	6	6	5	5	5	5	4	6
MEAN	3	3	3	2	2	3	4	3	3	3	2	2	2	2	2	2	2	2	2	3	4	5	4	2	2



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 44010 1298 REBECCA ST OAKVILLE														MONTH - AUG 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	2	2	1	1	1	1	1	1	1	1	0	0	1	0	1	2	6	10	11	7	4	3
2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	11	16	12	7	3
3	2	2	1	1	3	8	16	9	5	2	2	2	2	1	1	1	1	1	2	3	4	4	4	3	3
4	1	2	2	3	5	3	6	3	2	2	2	2	2	2	2	1	1	1	2	2	3	3	3	2	2
5	1	1	1	1	2	2	3	3	2	2	2	2	2	2	3	5	4	4	4	4	4	3	2	2	3
6	1	0	0	0	1	2	2	3	3	1	1	0	0	0	0	0	0	0	1	2	10	12	7	4	2
7	5	7	2	1	1	4	5	1	0	0	0	0	0	0	0	0	3	2	2	2	2	4	4	3	2
8	3	3	3	2	1	1	1	2	2	2	2	2	2	2	2	2	3	4	4	4	3	4	5	3	3
9	2	2	2	2	2	3	5	6	6	4	3	3	-	4	3	4	4	4	4	9	7	5	4	3	4
10	3	2	2	2	2	5	7	2	2	2	-	2	2	2	2	1	1	1	1	2	5	18	6	6	3
11	3	3	3	4	4	5	5	7	5	5	3	-	2	2	2	2	2	2	2	4	3	3	3	3	3
12	4	3	3	2	3	3	3	3	4	4	3	4	-	4	4	4	4	4	4	4	4	4	4	4	4
13	2	3	3	2	2	2	3	3	3	2	3	2	2	2	2	2	2	3	3	3	5	8	7	6	3
14	4	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2
15	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	3	3	1
16	1	1	1	0	1	2	2	3	2	0	0	0	-	1	1	1	1	1	1	3	3	3	3	3	1
17	1	1	1	1	1	2	2	3	4	-	-	-	-	2	2	3	3	3	4	13	12	8	5	4	4
18	2	2	2	1	3	6	16	12	13	11	-	2	2	2	2	2	2	2	2	4	12	26	19	12	7
19	9	8	8	9	9	15	18	15	10	6	6	3	2	2	2	2	2	2	2	2	11	30	21	17	9
20	10	7	7	7	6	7	19	11	10	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	1	1	2	7	5	3	3	3	*****
24	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	4	18	20	14	13	4
25	9	7	5	5	6	10	16	19	13	7	7	-	6	3	2	2	2	2	2	6	24	22	20	15	9
26	9	9	7	7	10	13	19	25	18	11	10	7	-	6	8	9	7	6	4	4	5	7	6	5	9
27	5	4	3	3	3	3	5	5	6	4	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4
28	4	4	4	4	4	5	4	4	4	5	5	5	4	4	4	4	5	5	4	4	5	6	8	7	5
29	3	1	2	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	2	2	1	1	1	1	1
30	1	1	1	1	1	3	6	4	1	0	0	0	1	-	1	1	1	1	3	5	3	5	8	18	3
31	6	4	3	3	3	5	14	11	12	7	4	3	2	2	2	2	3	3	3	4	4	4	3	2	5
MEAN	4	3	3	2	3	4	6	6	5	3	3	2	2	2	2	2	2	2	2	4	7	9	7	6	3.8
PERCENTAGE OF DATA VALID - 88.2						PERCENTAGE OF DATA INVALID - 0.0						PERCENTAGE OF DATA UNAVAILABLE - 11.8													

PERCENTAGE OF DATA VALID - 88.2      PERCENTAGE OF DATA INVALID - 0.0      PERCENTAGE OF DATA UNAVAILABLE - 11.8

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - C NO 44010 1298 REBECCA ST OAKVILLE												MONTH - SEP 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	4	5	6	7	10	5	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
2												- DATA UNAVAILABLE -													
3	-	-	-	-	-	-	-	-	-	-	-	-	2	3	2	2	2	2	2	4	4	4	4	3	*****
4	1	2	3	2	2	2	3	4	3	3	3	3	2	2	1	1	1	2	4	5	10	3	1	1	3
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2	2
6	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	2	2	5	14	12	6	6	9	3
7	10	6	4	3	7	12	15	6	3	5	5	3	2	2	1	2	3	3	5	4	4	3	3	3	5
8	3	3	3	3	4	7	24	32	6	6	5	5	4	3	2	3	3	3	3	4	7	14	11	8	7
9	9	7	8	7	7	10	16	10	4	4	4	3	3	3	3	3	3	3	5	7	8	6	9	6	6
10	2	1	1	1	2	3	3	2	2	2	2	2	1	2	2	2	2	2	1	2	1	1	1	0	2
11	0	0	0	0	0	0	1	3	2	2	2	2	2	2	1	1	1	2	5	10	12	6	15	25	4
12	16	9	7	5	4	5	5	4	3	3	2	3	2	2	2	2	2	3	5	8	8	4	4	3	5
13	1	2	2	2	3	3	4	6	4	3	2	2	2	2	2	1	1	1	3	7	8	4	5	5	3
14	5	7	8	5	6	8	8	8	8	7	6	3	2	2	2	2	2	3	7	8	6	6	4	5	5
15	4	3	2	3	3	9	12	8	6	8	10	2	-	-	4	3	3	3	8	16	12	7	5	8	6
16	4	2	1	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2
17	2	2	2	1	1	2	3	4	2	2	2	2	1	2	2	2	2	2	3	4	5	4	9	9	3
18	4	4	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	12	6	3	2	2	2	3
19	2	2	1	1	0	1	1	1	2	2	2	1	1	1	1	1	1	4	-	5	7	5	4	2	2
20	3	2	1	1	1	2	4	4	3	6	6	2	-	3	3	2	2	3	2	2	2	2	1	1	3
21	2	2	2	2	2	4	8	8	3	2	2	1	1	1	1	2	3	5	4	3	3	3	3	3	3
22	1	1	1	1	3	2	4	3	2	2	2	3	-	2	2	3	2	3	3	4	4	5	7	8	3
23	10	6	12	13	10	6	1	3	3	3	3	2	1	1	1	1	1	1	3	4	4	4	3	1	4
24	1	1	2	2	3	5	13	8	2	2	2	-	2	2	2	2	1	2	2	7	12	8	7	11	4
25	9	6	5	7	6	4	4	3	3	3	3	3	2	1	1	2	2	5	11	3	3	3	3	4	4
26	5	4	4	3	4	5	4	3	4	2	2	3	2	2	2	3	3	7	9	5	5	4	3	3	4
27	2	3	3	3	3	3	8	9	8	6	4	-	1	1	1	1	1	5	17	10	9	2	2	4	4
28	2	1	1	1	1	3	5	6	5	3	3	4	3	2	2	2	2	3	8	10	7	7	6	5	4
29	4	3	2	2	2	3	5	7	4	3	2	-	2	2	2	3	3	5	6	7	5	6	6	5	4
30	3	3	3	3	3	6	11	13	9	8	7	3	2	2	1	1	1	2	7	19	29	22	13	12	8
MEAN	4	3	3	3	3	4	6	6	4	4	3	2	2	2	2	2	2	3	5	7	7	5	5	5	3.9

PERCENTAGE OF DATA VALID - 92.1      PERCENTAGE OF DATA INVALID - 0.0      PERCENTAGE OF DATA UNAVAILABLE - 7.9

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "-" INDICATES DATA IS UNAVAILABLE
3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	9	8	6	6	9	11	13	7	4	2	2	1	1	2	1	1	1	1	2	1	2	4	5
2	4	6	9	9	8	10	10	13	12	11	11	7	2	2	2	2	3	3	3	5	8	23	18	21	8
3	25	21	9	6	5	5	4	3	3	3	3	2	2	2	2	2	2	3	8	22	20	16	16	17	8
4	18	11	13	12	10	14	28	39	22	7	7	2	2	2	2	2	2	2	5	11	13	10	13	12	11
5	13	10	11	10	11	18	36	37	26	5	5	2	2	2	3	2	2	2	3	6	12	24	24	23	12
6	11	3	2	2	2	2	3	3	3	3	4	4	4	4	4	6	6	6	4	6	5	2	2	2	4
7	0	0	0	0	0	1	2	3	3	3	2	-	2	2	4	3	4	4	11	10	7	5	3	1	3
8	1	1	1	1	1	2	4	5	7	6	6	7	-	8	7	7	7	8	10	7	5	5	5	4	5
9	2	2	3	2	2	2	3	3	4	4	4	2	2	2	2	3	2	2	1	1	1	1	1	2	2
10	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	5	20	16	8	4	4	3
11	3	2	2	2	2	3	3	4	3	1	3	2	1	1	1	1	1	1	1	1	20	46	36	23	7
12	19	11	8	9	13	18	29	36	25	7	6	5	4	3	5	4	3	3	4	10	6	8	5	2	10
13	3	3	3	3	3	5	6	8	6	4	3	2	2	2	3	4	3	3	3	4	3	3	2	4	4
14	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	3	4	5	8	10	4	1	3
15	2	2	2	2	2	3	3	4	4	3	2	2	3	2	2	2	2	3	3	2	2	2	2	2	2
16	3	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
17	3	3	3	3	3	3	2	2	2	2	2	2	3	3	2	3	2	2	2	3	6	5	3	1	3
18	-	-	-	-	-	6	9	8	3	1	2	2	2	1	2	2	3	4	4	4	4	4	11	11	4
19	7	7	4	-	0	0	0	0	0	0	0	0	1	1	1	1	1	3	3	5	3	2	2	2	2
20	1	1	2	5	5	4	6	9	11	12	12	11	8	4	4	5	7	17	20	10	6	4	3	3	7
21	1	2	2	2	2	3	3	3	3	2	-	-	2	2	2	2	3	4	3	3	2	2	2	1	2
22	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2
23	1	2	1	1	1	1	3	4	4	4	2	2	2	2	2	3	6	19	28	38	40	23	22	15	9
24	16	8	4	1	1	1	2	2	1	1	2	2	2	2	2	2	2	3	5	5	5	3	4	4	3
25	4	3	3	2	2	3	5	7	9	10	10	9	9	7	4	4	6	6	4	4	5	8	7	5	6
26	4	3	3	3	3	3	8	10	6	7	6	4	3	2	4	4	4	4	4	4	3	4	5	4	4
27	3	3	3	2	2	3	6	7	7	4	2	-	2	2	2	3	4	5	5	6	10	8	6	3	4
28	3	3	2	2	2	3	3	5	4	3	3	3	3	3	3	3	4	5	6	4	3	3	3	3	3
29	2	2	2	2	2	3	3	4	3	3	3	3	3	3	4	5	6	12	13	8	6	6	4	4	4
30	4	6	7	6	4	5	6	6	5	6	6	6	7	5	6	6	7	8	15	11	8	6	6	5	7
31	6	6	11	11	8	5	4	4	3	3	2	2	2	2	2	2	2	2	3	4	6	9	13	12	5
MEAN	6	5	4	4	4	4	7	8	6	4	4	3	3	3	3	3	3	5	6	7	8	8	8	6	5.1

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	4	1	1	3	6	11	10	4	2	2	-	2	2	2	3	9	24	25	22	14	12	13	8
2	8	5	5	6	6	17	29	57	25	9	7	5	5	4	5	4	4	4	4	4	4	4	4	6	10
3	10	6	5	4	4	5	7	19	12	5	4	3	3	3	2	3	5	11	21	29	34	32	33	34	12
4	30	23	19	1	1	4	14	26	39	19	5	3	3	-	3	3	3	5	4	4	4	7	7	4	10
5	5	3	3	4	3	3	3	7	10	5	3	4	4	4	3	3	5	5	5	8	7	4	6	4	5
6	3	3	2	2	1	3	3	3	3	3	2	2	3	3	3	3	3	5	5	6	8	4	5	3	3
7	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
8	2	1	20	18	1	0	2	4	3	2	1	1	-	2	2	2	4	4	4	8	8	9	7	7	5
9	7	5	5	4	7	8	4	3	2	2	3	4	5	6	5	5	6	12	14	13	16	11	10	11	7
10	8	6	5	6	5	4	8	15	20	7	3	3	4	3	4	4	5	8	6	10	9	4	4	4	6
11	4	5	3	3	4	6	12	17	13	4	3	2	2	2	3	3	4	6	8	9	9	8	5	4	6
12	3	3	3	3	4	4	5	11	11	5	4	2	2	2	2	2	3	4	7	7	5	3	3	3	4
13	3	3	3	2	2	2	3	3	4	3	2	2	2	2	2	2	3	4	5	3	3	3	2	3	2
14	2	2	2	2	2	2	2	3	4	4	3	3	2	2	2	2	3	10	34	50	30	16	7	5	8
15	5	4	6	6	6	7	7	8	11	5	4	3	2	-	3	3	7	17	26	37	40	24	12	13	11
16	14	9	7	7	6	5	6	9	8	7	5	-	4	4	4	4	6	8	9	8	10	7	6	7	7
17	7	8	8	8	9	12	13	12	11	10	6	6	6	5	6	7	5	5	7	5	4	8	4	3	7
18	3	3	4	5	5	6	7	9	11	4	3	3	-	3	3	4	5	6	4	6	4	3	3	4	5
19	4	3	3	3	3	4	5	5	6	4	3	2	-	2	2	3	4	4	4	4	4	4	3	3	4
20	3	4	2	2	2	2	2	3	2	3	2	2	2	2	2	4	4	4	6	2	3	2	2	3	3
21	3	2	2	2	3	2	3	3	3	4	3	2	2	2	2	3	3	2	2	2	1	2	2	2	2
22	0	0	0	1	1	1	2	3	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
24	2	1	1	1	1	2	3	5	6	2	2	2	2	3	3	4	6	9	12	14	12	10	6	4	5
25	3	3	3	3	3	3	3	4	7	4	3	3	5	8	11	7	5	5	4	6	8	4	4	4	5
26	5	13	24	22	3	4	4	3	3	3	3	3	5	5	4	4	4	5	4	4	4	4	4	4	6
27	3	4	4	3	3	3	3	3	3	3	4	4	4	3	2	2	4	4	3	3	3	3	3	3	3
28	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	1	1	2	2	4	2	2	2	2	2	2	-	2	2	3	3	3	2	3	2	2	2
30	3	3	2	2	3	2	3	5	4	2	2	2	2	2	2	3	3	3	3	4	3	3	2	2	3
MEAN	5	5	5	4	3	4	6	9	8	4	3	3	3	3	3	3	4	6	8	9	9	7	6	5	5.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010

1298 REBECCA ST OAKVILLE

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	3	4	4	3	6	8	9	5	7	2	2	3	4	4	4	5	5	5	5	5	5	4	4
2	4	3	3	4	4	3	3	4	3	4	4	3	-	2	2	2	4	6	7	7	6	7	5	3	4
3	3	2	3	3	4	5	7	12	20	11	13	11	8	5	4	5	8	8	7	6	5	6	7	3	7
4	2	2	2	2	3	2	2	2	2	2	6	11	11	7	6	6	12	13	7	7	7	7	5	4	5
5	4	3	3	3	3	2	2	3	3	3	4	3	3	3	4	5	7	7	7	15	20	24	26	23	8
6	14	11	11	7	3	3	3	3	3	4	4	4	5	-	5	4	5	10	11	7	3	3	3	3	6
7	4	5	5	5	5	5	7	6	3	3	3	3	2	2	2	2	4	6	6	6	4	4	6	5	4
8	3	2	2	2	1	2	4	5	6	5	6	6	-	7	7	6	7	7	7	6	7	6	6	3	5
9	2	2	2	2	2	2	3	5	9	6	7	9	13	17	25	25	23	29	23	4	6	6	5	4	10
10	4	17	21	20	19	21	9	5	5	5	5	5	6	6	5	6	8	7	5	4	4	3	2	2	8
11	2	2	2	2	2	2	2	2	3	2	2	3	3	3	2	3	4	3	4	3	4	4	2	4	3
12	4	5	6	4	4	4	4	5	5	5	5	5	4	5	5	5	5	4	4	3	3	2	1	1	4
13	1	0	0	0	0	0	1	2	1	3	3	3	3	1	1	2	3	9	5	8	8	10	8	7	3
14	5	4	5	4	4	4	4	5	5	4	3	4	-	5	6	6	7	7	7	6	6	5	5	5	5
15	4	4	4	4	5	5	6	9	11	6	4	4	5	5	7	9	14	26	48	73	59	34	30	27	17
16	33	35	33	23	20	17	16	17	21	23	23	22	19	20	25	20	23	23	21	19	23	11	7	7	21
17	7	4	4	5	6	6	4	6	7	6	6	6	5	4	4	4	5	4	4	4	4	4	3	3	5
18	3	4	2	2	2	2	2	3	3	2	3	4	3	2	2	3	2	2	2	3	3	3	3	3	3
19	5	10	32	29	18	15	14	14	14	15	8	6	7	7	6	7	10	17	26	16	25	54	74	67	21
20	52	26	17	10	8	6	8	27	18	19	7	8	6	4	2	3	3	3	3	3	3	3	3	3	10
21	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	4	5	9	10	6	5	3
22	6	3	2	2	2	3	3	5	5	5	4	4	4	6	5	5	4	5	4	4	4	4	4	4	4
23	4	4	3	3	4	3	4	6	6	4	3	4	4	4	4	6	6	8	8	5	3	3	3	3	4
24	3	3	2	2	3	3	4	4	4	5	4	4	4	4	3	4	4	2	3	3	4	7	6	4	4
25	5	4	4	6	5	4	4	4	3	4	4	4	3	3	4	4	5	4	4	4	5	5	5	4	4
26	1	1	1	1	1	1	1	4	3	3	2	2	2	2	2	3	2	4	3	2	1	1	1	1	2
27	2	4	4	2	0	0	0	3	4	2	2	2	3	3	3	3	3	3	3	4	7	9	12	15	4
28	14	2	1	1	1	3	6	5	1	1	1	9	13	12	11	10	7	5	7	9	8	10	10	10	7
29	14	13	12	8	3	3	3	5	4	3	2	2	2	2	3	3	3	3	3	2	2	2	2	3	4
30	3	3	4	4	4	4	5	7	8	7	4	4	7	4	-	5	10	19	27	12	5	5	4	4	7
31	4	4	3	1	2	2	3	4	4	4	4	4	2	2	3	2	3	3	4	5	7	5	4	3	3
MEAN	7	6	6	5	5	4	5	6	6	6	5	5	5	5	5	6	7	8	9	9	9	8	8	8	6.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 129B REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	3	1.9	2	6
MAR	31	3.0	6	30
APR	27	2.9	6	30
MAY	30	2.2	5	24
JUN	13	3.7	8	30
JUL	31	2.9	6	19
AUG	27	3.8	9	30
SEP	27	3.9	8	32
OCT	31	5.1	12	46
NOV	30	5.2	12	57
DEC	31	6.4	21	74
YEAR	281	3.9	21	74

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 129B REBECCA ST OAKVILLE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	78	2	0	0	0	0	0	80
MAR	644	62	30	2	0	0	0	738
APR	597	55	13	6	0	0	0	671
MAY	675	26	18	4	0	0	0	723
JUN	274	47	19	3	0	0	0	343
JUL	639	86	6	0	0	0	0	731
AUG	541	69	40	6	0	0	0	656
SEP	527	105	26	4	1	0	0	663
OCT	536	117	55	17	7	1	0	733
NOV	538	106	42	15	8	1	1	711
DEC	505	140	53	29	5	1	6	739
YEAR	5554	815	302	86	21	3	7	6788

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
84.4	0	0.2	1.2	2.1	3.4	7.4	11.1	19.1	24.1	74	3.9

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SE NO 51001 MCOONALD GON RIDEAU/WURTEMBERG ST,OTTAWA														MONTH - JAN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	14	5	7	7	3	2	2	2	2	2	2	3	2	3	5	6	5	5	4	3	4	3	5	5
2	4	3	3	3	2	3	4	7	9	6	5	6	7	6	6	7	7	10	16	13	11	9	6	6	7
3	5	5	6	5	4	5	4	4	6	6	7	14	13	10	14	17	19	37	49	37	20	11	5	6	13
4	4	2	2	2	1	2	2	2	2	3	3	2	3	3	3	4	5	4	3	2	3	3	4	3	
5	4	2	2	2	2	3	5	10	15	8	4	5	5	7	10	12	18	18	16	16	15	15	19	12	9
6	9	9	10	7	7	6	7	17	24	23	28	19	18	14	11	13	14	16	17	16	14	12	12	13	14
7	10	7	7	7	7	8	9	10	13	12	11	***	-	-	-	-	-	6	4	3	3	3	3	4	7
8	2	2	2	2	1	2	3	5	5	5	6	6	5	5	7	10	23	27	33	19	13	10	18	19	10
9	14	13	11	10	8	8	7	11	13	18	12	21	26	21	19	13	14	24	27	30	8	11	4	4	14
10	3	4	7	7	6	6	7	7	10	17	10	12	8	6	4	6	10	11	17	28	38	31	30	24	13
11	13	10	7	8	6	6	6	6	6	6	5	4	4	3	3	4	4	3	3	3	3	3	3	3	5
12	2	2	2	2	3	3	4	5	10	****	9	****	****	****	****	****	20	27	14	22	39	34	24	18	13
13	13	10	8	8	10	11	13	17	20	17	13	10	****	13	12	12	14	14	13	11	9	9	8	7	12
14	7	6	5	4	4	5	6	8	8	7	5	4	5	5	6	9	10	10	9	10	6	5	5	4	6
15	3	3	3	3	3	4	4	5	7	5	4	4	4	5	5	7	17	16	22	27	40	54	38	32	13
16	19	15	7	6	5	4	4	9	11	8	7	7	8	****	10	9	9	10	10	8	5	4	3	4	8
17	2	2	2	3	3	3	4	4	3	3	3	3	3	3	4	4	7	12	10	6	4	4	4	3	4
18	3	3	3	3	3	2	3	3	3	3	4	4	4	5	5	7	6	6	8	22	37	18	33	22	9
19	32	26	25	18	17	15	18	18	16	13	12	11	11	12	11	10	13	12	13	19	22	19	18	17	17
20	13	10	9	6	7	8	8	11	13	14	15	20	22	36	42	22	25	33	13	12	10	5	5	4	15
21	4	3	3	3	5	9	19	29	30	23	****	14	10	11	12	11	12	10	10	9	9	11	13	5	12
22	2	3	2	3	3	2	3	4	4	3	3	3	3	3	4	5	5	4	3	3	2	3	3	3	3
23	3	2	2	2	2	3	4	4	5	3	3	4	4	5	6	8	10	10	12	20	35	30	34	16	9
24	23	27	23	21	15	16	17	17	11	11	10	6	5	6	7	6	5	6	9	8	7	9	8	10	12
25	10	9	7	11	16	7	7	11	12	10	9	11	16	12	16	11	7	5	6	5	5	4	5	4	9
26	4	5	4	4	5	5	10	13	17	19	21	28	25	25	37	41	75	90	66	65	34	50	55	60	32
27	20	4	4	3	3	3	4	6	5	6	4	4	5	6	6	6	7	7	5	5	5	4	4	5	6
28	4	3	2	2	3	3	5	8	9	6	5	4	4	***	2	2	5	8	5	4	4	6	7	5	5
29	4	3	3	3	3	4	5	8	12	13	11	10	13	4	5	4	3	2	2	1	2	1	1	2	5
30	1	1	1	1	1	1	1	2	4	3	3	2	2	3	3	3	4	3	3	4	5	5	5	4	3
31	4	6	4	5	5	4	6	4	5	10	14	14	9	8	6	7	7	6	5	5	5	5	5	6	6
MEAN	8	7	6	6	5	5	6	9	10	9	8	9	9	9	10	9	13	15	14	14	13	13	12	11	9.6

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
	STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	5	4	4	6	6	3	4	5	6	6	6	5	5	9	10	6	8	8	8	10	11	8	4	6	
2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	
3	1	1	2	2	2	2	4	7	7	12	9	7	5	4	4	5	6	7	6	5	6	6	6	6	5	
4	6	6	5	4	5	4	7	8	10	8	10	11	-	-	-	-	2	2	2	1	1	1	1	1	5	
5	2	2	1	1	2	2	4	16	17	7	8	2	2	2	2	3	4	6	7	12	7	6	7	7	5	
6	6	6	4	5	7	7	8	9	14	16	16	4	2	2	2	3	4	5	14	18	20	18	9	6	9	
7	5	3	2	1	1	1	2	2	3	2	2	2	2	2	3	4	6	7	5	5	5	5	4	5	3	
8	4	3	3	2	2	3	3	4	5	4	3	3	3	3	3	3	4	3	4	5	7	11	6	4	4	
9	2	2	3	3	2	3	4	7	5	7	5	6	4	6	6	7	10	11	8	5	5	6	7	6	5	
10	6	5	3	3	3	4	6	12	22	12	9	7	6	8	10	11	10	7	5	5	6	9	14	15	8	
11	16	5	2	2	1	1	2	4	3	2	2	***	2	2	2	2	8	5	3	3	2	1	2	1	3	
12	1	1	1	1	2	2	2	6	19	18	13	6	5	5	5	4	3	3	3	4	4	4	4	6	5	
13	4	3	3	4	4	5	5	6	8	8	3	2	2	2	2	2	3	3	2	2	2	2	2	3	3	
14	4	3	5	3	4	2	2	2	3	2	2	2	1	1	2	2	2	4	8	15	18	17	25	16	6	
15	7	7	9	5	4	4	3	3	2	2	3	3	4	4	5	4	4	5	4	6	9	8	6	3	5	
16	2	2	1	1	1	1	1	2	3	2	2	1	1	2	2	5	9	12	8	8	7	4	3	3	3	
17	3	3	1	1	1	1	2	2	3	2	2	2	2	2	2	4	6	4	7	6	6	7	11	23	13	5
18	7	3	2	2	2	2	2	4	***	3	3	3	4	4	4	4	4	5	4	4	4	4	4	4	4	
19	4	4	3	5	2	2	3	3	4	3	3	3	2	3	3	4	4	3	3	3	3	3	2	2	3	
20	2	2	1	1	1	1	1	2	3	2	2	2	2	2	2	3	4	4	6	18	33	18	30	23	7	
21	20	15	11	16	16	12	9	7	6	5	4	3	4	6	4	5	4	4	4	5	4	3	3	3	7	
22	3	3	3	3	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	2	1	2	
23	1	1	1	1	1	1	2	3	3	2	2	3	3	3	3	4	6	8	6	5	5	5	5	3	3	
24	4	7	5	5	5	5	8	13	22	8	6	6	6	6	6	8	11	10	8	10	10	9	7	6	8	
25	10	18	14	7	5	6	5	5	5	7	6	6	5	5	5	5	8	11	11	12	11	14	9	7	8	
26	9	13	9	9	12	11	11	12	10	****	****	****	12	9	9	7	8	10	8	13	15	6	12	9	10	
27	15	11	9	6	5	5	7	5	5	3	2	2	1	2	2	2	4	3	4	5	3	2	2	2	4	
28	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	3	11	14	24	29	21	5	
29	11	8	5	4	3	2	2	2	3	4	5	6	4	4	7	7	13	9	15	11	7	7	3	2	6	
MEAN	6	5	4	4	4	3	4	5	7	5	5	4	3	4	4	5	5	6	6	7	8	8	8	6	5.2	

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE



## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIOEAU/WURTEMBERG ST.OTTAWA

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	1	1	2
2	1	1	1	1	1	1	2	3	3	2	2	2	3	3	3	3	5	5	4	4	3	3	3	3	3
3	2	1	1	1	1	1	1	3	3	2	2	-	****	3	3	3	4	4	4	3	3	4	3	3	3
4	2	2	2	2	2	3	5	6	8	5	3	3	2	3	6	9	12	10	8	4	3	3	3	3	5
5	2	2	2	2	2	2	6	10	9	7	8	18	11	14	17	12	5	3	2	2	2	2	2	1	6
6	2	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	3	7	10	8	7	5	3	3
7	2	2	2	3	2	2	2	2	2	1	1	1	2	2	2	2	2	2	3	3	3	4	4	3	2
8	2	2	2	2	2	2	4	4	4	2	2	2	2	2	2	3	3	4	7	14	18	22	18	10	6
9	8	9	9	7	5	4	5	5	9	8	****	****	****	****	****	7	8	9	7	7	5	5	4	5	7
10	6	7	5	5	6	6	9	14	9	7	5	6	6	5	5	7	8	6	5	4	4	4	3	3	6
11	3	2	2	2	1	1	2	2	2	2	2	1	2	2	2	2	2	3	7	8	6	5	11	20	4
12	8	6	5	6	6	5	8	9	8	5	4	****	****	3	3	3	4	5	5	5	4	4	5	5	5
13	4	4	3	3	3	3	4	7	10	6	4	3	2	2	2	2	2	2	1	2	1	1	1	1	3
14	2	3	2	3	2	2	2	3	4	3	3	3	3	3	3	4	4	4	3	3	3	4	5	4	3
15	3	2	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	3	2	3	3	3	5	5	2
16	9	6	3	2	1	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	2	3
17	2	1	1	1	0	1	2	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	3	3	3	3	2	2	4	5	5	4	3	4	3	3	4	4	4	4	4	5	4	5	5	5	3.8

PERCENTAGE OF DATA VALID - 51.9

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 47.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	3	2	2	4	6	6	8	6	4	*****
10	3	2	2	2	2	5	8	8	5	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3
11	2	2	2	2	2	2	4	5	4	4	4	3	3	2	6	15	9	4	1	1	1	1	1	1	3
12	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	5	4	4	4	5	2
13	5	4	3	2	1	2	2	2	2	2	2	3	3	2	4	5	5	3	5	4	6	9	4	2	3
14	2	1	****	****	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15																									
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	5	6	4	4	5	4	3	4	3	*****
17	2	2	2	2	2	2	3	2	2	1	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****
18	****	****	****	1	1	1	4	8	8	3	2	3	2	2	2	3	3	3	4	5	6	5	4	3	4
19	3	2	2	1	2	2	2	3	2	2	2	2	2	2	2	2	4	4	4	4	4	3	3	3	3
20	2	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	8	10	5	4	2
21	4	3	3	3	3	3	3	8	8	7	3	3	3	3	3	3	2	3	3	2	2	2	2	2	3
22	2	2	1	1	1	2	3	6	4	2	****	2	2	3	5	4	5	4	3	6	6	5	4	4	3
23	3	2	2	2	2	3	3	4	4	3	2	2	2	2	2	2	3	3	3	4	6	8	8	6	3
24	3	4	3	3	2	2	8	8	9	6	3	****	****	3	3	4	3	3	2	3	2	4	7	4	4
25	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	2	3	3	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	1
27	5	8	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	4	3	2	2
28	1	1	1	1	2	5	4	3	1	1	1	1	1	1	1	2	1	2	2	2	1	2	4	2	2
29	1	1	1	1	1	2	5	4	2	2	1	1	1	2	3	2	2	2	1	2	3	1	1	1	2
30	1	1	1	1	1	1	2	2	2	2	2	-	2	2	2	2	2	2	2	2	1	1	1	1	2
MEAN	2	2	2	2	1	2	3	4	3	2	2	2	2	2	3	3	3	3	3	3	4	4	4	3	2.7

PERCENTAGE OF DATA VALID - 60.6

PERCENTAGE OF DATA INVALID - 10.8

PERCENTAGE OF DATA UNAVAILABLE - 28.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION											
STATION - SE NO S1001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - JUL 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3		
2	2	1	1	1	0	1	3	3	2	2	2	3	2	2	4	4	3	3	3	2	3	3	3	2	2	
3	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	
4	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	3	1	
5	1	1	0	0	0	0	1	1	1	2	1	1	1	1	0	1	1	****	****	****	****	****	****	****	1	
6	- DATA INVALID -															2	2	2	5	8	4	4	5	3	2	*****
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	5	8	4	4	5	3	2	*****
8	1	0	1	1	1	2	3	3	2	-	-	2	2	2	2	3	2	2	2	3	3	3	3	3	2	
9	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	14	6	6	7	7	12	18	12	11	6	
10	11	8	6	6	6	6	7	7	6	6	7	5	6	4	6	6	7	6	6	7	7	6	6	5	6	
11	5	5	4	4	4	3	3	3	3	4	4	3	4	4	4	4	4	4	4	3	4	3	3	2	4	
12	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	
13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	
14	1	1	1	1	1	2	3	2	2	****	****	1	1	1	1	2	2	2	2	5	7	8	9	7	3	
15	5	4	3	2	2	3	3	7	8	2	1	1	1	1	1	1	1	1	2	3	2	2	2	2	3	
16	3	2	2	2	2	3	6	5	****	4	5	4	4	6	4	4	5	5	4	3	3	1	1	2	3	
17	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
19	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	
20	0	0	0	0	0	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	0	1	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	
22	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	0	1	1	1	3	4	5	3	2	1	
23	1	0	0	0	0	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	4	1	
26	3	1	1	0	0	0	5	9	7	3	2	2	2	2	1	1	1	1	0	0	1	0	0	0	2	
27	1	1	0	0	0	2	3	3	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	
28	1	1	1	1	1	2	2	2	2	****	****	1	1	1	1	1	2	2	2	3	4	4	5	4	2	
29	3	2	1	1	1	1	2	2	2	3	2	2	3	4	4	4	3	3	2	2	1	1	1	1	2	
30	1	1	1	1	1	1	1	2	2	1	2	1	2	2	2	3	2	2	3	4	4	5	6	6	2	
31	5	4	3	1	1	2	2	2	1	2	2	3	3	2	2	2	1	1	1	1	1	1	1	1	2	
MEAN	2	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	3	3	2	1.8	

PERCENTAGE OF DATA VALID - 93.0

PERCENTAGE OF DATA INVALID - 6.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION											
STATION - SE NO S1001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - AUG 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	
3	5	2	2	2	2	3	7	8	3	****	-	****	****	1	1	1	2	2	2	2	2	2	2	1	3	
4	1	1	1	1	1	4	7	8	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	
5	2	2	2	2	2	3	6	7	4	3	3	3	3	4	4	5	5	4	4	3	3	3	2	1	3	
6	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1	
7	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	
8	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	0	0	0	0	1	1	2	2	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	
10	1	0	0	0	0	1	2	1	0	0	0	0	1	1	1	1	1	1	2	3	3	3	3	3	1	
11	2	1	1	1	1	1	3	3	2	3	1	1	1	1	2	2	2	2	3	4	2	2	2	2	2	
12	2	2	1	1	1	2	5	4	3	2	2	2	****	****	4	5	4	3	3	4	2	2	2	2	3	
13	1	1	1	1	1	2	3	2	3	4	8	10	4	5	5	4	3	3	3	3	2	2	2	1	3	
14	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1	
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	1	1	1	
16	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	
17	1	1	1	1	1	1	4	3	1	1	1	1	1	1	2	2	1	1	2	4	6	7	4	3	2	
18	2	1	2	1	1	2	4	3	2	2	1	1	1	1	3	3	3	3	5	7	9	8	12	8	4	
19	5	5	2	2	2	3	5	9	9	3	3	2	2	2	2	3	3	3	5	8	5	3	4	2	4	
20	2	1	1	1	1	2	4	9	10	4	3	****	2	1	1	2	2	2	3	3	2	2	2	2	3	
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	8	5	2	2	2	
22	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	1	2	
23	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	
24	1	1	1	1	1	1	2	2	1	1	1	1	****	****	****	2	1	1	1	1	2	8	12	9	10	3
25	3	1	1	1	1	2	3	3	2	2	1	1	1	1	2	2	2	2	4	10	8	4	5	7	3	
26	6	4	3	2	3	5	4	4	10	20	15	7	3	2	2	2	3	5	6	6	6	6	6	6	6	
27	5	5	5	4	3	6	9	11	5	4	3	2	1	1	2	3	3	3	4	4	3	3	2	2	4	
28	2	1	1	1	1	2	3	3	2	2	2	2	3	2	2	2	2	2	2	4	5	3	3	3	2	
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	
30	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	3	4	3	3	3	2	
31	4	2	1	1	2	3	5	6	7	4	3	3	4	3	3	5	7	5	3	3	3	5	6	5	4	
MEAN	2	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2.2	

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

HOUR DAY	STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA																								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	4	2	2	1	2	2	2	2	3	2	2	2	2	2	3	3	****	2	2	2	2	2	2	2	2
2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	****	2	2	6	10	8	5	7	3
3	4	3	2	2	2	2	7	14	18	8	4	3	3	2	3	3	3	4	5	5	5	7	6	4	5
4	2	2	2	2	2	2	2	3	3	4	4	5	3	3	3	3	3	3	3	3	4	3	3	6	3
5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4	5	5	7	8	5	2
7	4	3	3	2	2	2	4	8	8	4	5	7	5	3	3	3	3	4	9	14	10	7	6	5	5
8	2	2	3	3	2	2	2	5	4	3	3	3	1	2	2	2	4	5	10	13	17	15	10	8	5
9	4	2	1	1	1	2	4	7	4	2	3	3	4	4	4	5	4	5	7	4	4	2	2	2	3
10	2	2	2	2	2	3	6	8	6	5	5	4	4	5	5	4	4	3	3	4	4	3	3	3	4
11	3	2	2	2	2	3	3	3	3	4	4	4	5	3	2	1	1	2	2	3	3	2	2	2	3
12	1	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	3	11	13	5	9	15	30	5
13	14	13	9	3	3	9	18	21	19	11	4	3	2	2	2	2	3	3	4	5	5	4	4	3	7
14	3	2	2	2	2	3	9	11	8	7	5	3	****	4	4	5	5	4	4	5	4	4	4	4	5
15	3	3	2	2	2	3	5	5	3	3	2	2	2	2	2	3	2	2	2	2	2	2	1	2	2
16	1	1	1	1	1	1	7	5	2	2	1	2	3	2	2	4	3	2	4	10	21	8	4	3	4
17	3	2	2	1	1	2	2	2	2	2	2	2	2	1	2	3	3	3	2	3	2	2	2	2	2
18	2	2	2	2	2	2	3	3	6	5	4	4	3	3	4	3	2	2	2	2	2	3	3	3	3
19	2	3	2	1	1	2	2	1	2	2	2	1	2	2	2	2	3	5	5	3	2	1	1	1	2
20	1	1	1	1	1	1	2	2	2	1	2	****	1	1	2	2	2	1	1	1	1	1	1	0	1
21	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	2	2	3	6	17	33	26	14	8	5
22	5	2	2	1	1	1	3	10	7	4	7	4	4	4	2	3	2	2	7	4	2	1	1	1	3
23	1	1	1	1	3	6	13	15	8	8	6	6	6	6	7	4	1	2	2	2	2	2	1	1	4
24	1	1	1	1	1	2	3	3	1	1	****	1	1	1	2	2	2	3	8	31	39	26	20	13	7
25	12	11	10	2	2	2	4	7	9	8	2	2	2	2	2	1	1	3	4	4	3	2	2	2	4
26	2	2	1	1	1	1	1	1	2	2	2	2	4	3	3	3	2	2	2	2	2	2	1	1	2
27	2	1	1	1	1	1	3	3	2	2	2	2	1	1	3	3	2	3	4	2	2	2	1	1	2
28	1	1	1	D	1	2	2	2	1	1	1	1	1	1	2	2	3	7	9	4	4	4	3	3	2
29	2	2	1	2	2	4	7	6	3	****	2	2	2	3	3	4	5	5	4	3	3	3	4	2	3
30	2	1	1	1	1	2	3	4	2	2	2	2	2	3	4	4	3	4	12	15	15	13	6	5	5
MEAN	3	2	2	1	2	2	4	5	5	3	3	3	2	2	3	3	3	3	5	6	7	6	5	4	3.5

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

HOUR DAY	STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA																								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	3	3	2	2	3	4	11	11	8	5	5	4	4	2	3	5	7	17	27	32	28	12	14	13	9
2	10	7	6	7	5	4	5	6	9	8	9	9	10	7	5	3	4	6	27	21	12	10	10	11	9
3	5	3	2	2	2	2	2	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	****
4	3	3	2	2	3	4	8	8	4	4	2	3	-	-	-	-	-	-	-	-	-	-	-	-	****
5	6	5	4	3	5	8	12	11	8	7	7	5	4	4	5	6	9	15	24	17	16	10	7	6	9
6	3	3	2	1	2	3	6	11	7	4	3	3	****	****	4	5	6	7	7	5	4	4	3	2	4
7	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	1	1	1	2
8	1	1	1	1	1	1	2	3	3	2	2	2	1	2	3	4	4	4	3	5	5	3	4	3	3
9	3	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1
11	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	4	9	27	45	51	16	12	8
12	9	6	3	4	8	11	19	20	17	15	7	4	3	4	6	8	9	11	12	10	10	12	7	4	9
13	3	2	2	2	4	13	26	21	11	8	6	4	4	3	3	3	4	5	3	2	2	1	2	1	6
14	1	1	1	1	1	1	2	2	2	1	1	1	****	1	2	2	1	1	1	2	2	2	2	1	1
15	1	1	1	1	2	6	7	9	4	4	4	3	3	2	3	7	8	7	3	2	2	1	2	1	4
16	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
17	1	1	2	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1
18	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	1
19	1	1	1	1	1	2	5	5	5	5	3	2	2	3	4	4	4	2	2	1	1	1	1	1	2
20	1	1	1	1	2	2	4	6	4	4	3	****	5	5	5	5	4	3	3	3	2	2	2	2	3
21	1	1	1	1	1	2	3	4	3	2	2	2	2	2	3	3	3	3	2	2	2	3	3	2	2
22	3	2	2	1	2	2	3	4	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	6	5	7	3
24	5	13	10	6	9	5	3	2	3	2	2	2	3	3	2	2	3	3	3	3	2	2	2	2	4
25	2	2	1	1	1	2	2	3	2	1	1	1	1	2	2	2	2	2	2	2	1	2	2	1	2
26	1	1	1	1	1	2	4	4	2	****	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2
27	2	1	1	1	1	2	4	6	2	2	2	2	1	1	2	3	4	4	3	5	4	5	6	3	3
28	2	2	2	2	4	4	11	10	7	6	5	4	4	4	6	6	5	5	5	5	5	4	4	3	5
29	3	3	3	3	3	5	7	10	6	4	3	3	3	3	4	6	8	5	4	4	7	7	8	7	5
30	3	4	4	2	2	3	4	4	6	7	9	8	8	7	5	6	8	16	10	9	13	16	14	9	7
31	11	10	5	3	2	2	2	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	3
MEAN	3	3	2	2	2	3	5	6	4	4	3	3	3	3	3	3	4	5	6	6	6	4	4	4	3.9

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - NOV 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	****	****	1	1	2	3	3	3	3	3	2	2	2	2	2
2	2	1	1	1	1	1	2	3	3	5	2	2	2	2	3	3	4	3	4	3	4	3	3	3	3
3	3	3	2	2	3	3	4	3	3	2	2	2	3	3	3	3	4	4	3	3	3	3	3	3	3
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3
5	2	2	2	2	2	2	2	3	3	3	2	3	3	2	3	3	4	3	4	3	3	3	3	3	3
6	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3	2	2	2	2	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	****	****	1	2	2	2	2	1	1	1	2	2	1
9	2	2	2	1	1	2	3	3	4	3	****	-	-	4	5	7	9	10	7	5	3	3	3	3	4
10	3	3	3	3	4	4	5	5	6	7	4	6	6	8	9	12	15	13	10	4	3	3	3	3	6
11	1	1	1	1	1	1	3	5	4	3	2	2	1	1	3	3	5	8	5	5	5	4	4	3	3
12	2	2	2	1	1	1	2	4	4	2	2	2	2	2	2	3	4	7	4	4	3	3	3	3	3
13	2	4	4	2	2	1	2	3	3	3	2	2	3	3	3	3	4	6	4	5	4	5	4	5	3
14	5	4	2	2	1	1	1	1	1	1	3	1	2	2	3	3	5	4	3	3	3	3	3	4	3
15	4	2	2	1	1	1	1	4	11	9	7	8	4	6	5	4	6	6	7	6	5	5	4	4	5
16	6	4	6	6	7	6	6	8	8	6	3	3	3	2	3	4	-	8	7	12	11	7	7	4	6
17	3	3	2	2	3	3	6	11	10	10	9	7	6	6	6	9	14	12	11	9	7	6	8	7	7
18	4	4	4	3	3	4	4	6	5	3	3	-	3	3	3	3	5	5	5	5	3	3	3	3	4
19	5	3	3	3	3	3	4	6	7	5	5	4	5	4	5	7	15	10	5	4	2	2	2	2	5
20	2	2	2	1	1	0	1	2	2	2	2	2	3	2	2	3	3	3	3	3	3	2	1	2	2
21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	3	2	2	2	1
22	2	1	1	1	1	1	1	3	3	2	2	2	2	3	3	3	3	3	3	3	1	1	1	1	2
23	1	1	1	1	1	1	1	3	3	2	1	2	-	2	2	3	4	5	4	3	3	4	2	2	2
24	2	2	1	2	2	2	3	9	15	11	6	4	3	3	3	3	5	6	6	7	8	6	8	8	5
25	5	5	4	4	3	3	6	12	16	13	6	4	4	4	4	7	24	31	22	23	14	14	10	9	10
26	6	5	3	3	2	3	4	6	8	9	9	11	12	13	12	16	33	23	15	14	10	9	8	9	10
27	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4	3	3	3	3	3	*****
MEAN	3	2	2	2	2	2	3	4	5	4	3	3	3	3	4	4	7	7	6	5	4	4	4	4	3.8

PERCENTAGE OF DATA VALID - 86.4

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 12.9

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION											
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - DEC 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	3	3	2	2	3	4	8	13	-	-	-	5	5	6	8	9	9	7	6	5	5	5	3		
2	3	3	3	3	3	3	5	7	10	6	6	3	4	2	2	4	4	3	2	4	2	3	2	2	4	
3	1	1	1	1	1	1	3	3	4	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	5	5	5	12	10	9	6	5	*****	
5	5	5	4	4	4	3	3	3	4	5	6	7	7	7	8	10	11	12	8	16	26	12	15	19	9	
6	12	12	15	10	7	5	7	12	14	7	5	5	7	8	9	12	12	10	8	8	8	8	8	9	9	
7	8	7	7	6	5	6	10	24	-	-	-	3	-	-	2	6	4	3	2	2	2	2	2	2	5	
8	2	2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****	
9	- DATA UNAVAILABLE -																									
10	4	3	2	2	2	2	3	6	6	5	5	5	6	8	****	****	9	7	9	12	13	10	15	11	7	
11	3	2	1	1	1	1	1	2	3	4	4	2	2	2	4	8	10	12	11	10	12	12	13	10	9	6
12	7	9	25	32	14	8	5	3	4	4	4	5	7	6	9	9	10	16	22	14	6	4	2	1	9	
13	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	4	4	5	6	8	13	12	18	4	
14	12	6	11	11	9	6	5	6	6	6	6	10	12	19	9	10	8	7	5	5	5	5	5	5	8	
15	4	3	3	3	3	3	4	7	7	4	3	4	****	****	5	6	6	6	6	7	7	6	4	3	5	
16	3	3	2	2	2	2	2	5	6	5	4	6	5	6	6	8	10	8	6	9	8	7	6	5	5	
17	5	4	4	3	3	5	12	17	29	15	10	9	10	6	5	7	15	15	9	4	3	2	3	2	8	
18	2	2	1	1	1	1	1	2	2	3	2	2	2	2	2	3	3	4	4	7	16	15	11	13	4	
19	13	16	13	8	4	3	3	3	2	2	2	2	2	4	4	5	4	3	3	4	5	5	5	5	5	
20	4	3	2	2	2	2	2	4	4	3	4	6	6	5	5	5	6	4	2	2	2	2	2	1	3	
21	1	1	1	1	2	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	
22	1	1	1	1	1	1	2	4	4	3	3	6	****	****	9	10	7	7	5	6	5	4	5	5	4	
23	4	4	4	4	6	8	8	8	10	9	10	11	11	14	14	18	16	9	5	5	5	7	6	5	8	
24	6	4	3	2	1	1	2	3	4	3	3	3	3	4	5	11	13	11	10	8	7	7	4	4	5	
25	5	6	5	5	5	4	3	4	4	4	5	6	9	6	6	6	7	7	6	6	7	10	10	6	6	
26	13	8	5	5	6	6	7	7	7	4	3	3	3	3	4	5	8	9	4	3	2	2	2	2	5	
27	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	3	5	4	5	13	15	10	8	5	4	
28	5	5	4	6	8	4	8	12	12	7	5	3	3	5	7	6	4	5	5	4	4	4	3	3	6	
29	3	2	2	1	1	2	3	7	5	4	4	5	****	7	6	6	10	14	15	19	21	20	18	13	8	
30	8	6	4	4	3	4	5	7	6	4	3	3	3	3	3	3	8	6	6	4	3	3	3	3	4	
31	2	2	2	2	2	2	3	5	5	3	3	3	3	3	3	3	4	3	3	3	3	2	2	2	3	
MEAN	5	4	5	4	4	3	4	6	7	5	4	5	5	6	5	7	8	7	6	7	8	7	6	6	5.5	

PERCENTAGE OF DATA VALID - 88.7

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 10.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GON RIOEAU/WURTEMBURG ST, OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	9.6	32	90
FEB	29	5.2	10	33
MAR	16	3.8	7	22
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	17	2.7	4	15
JUL	29	1.8	6	18
AUG	31	2.2	6	20
SEP	30	3.5	7	39
OCT	29	3.9	9	51
NOV	26	3.8	10	33
DEC	27	5.5	9	32
YEAR	265	4.3	32	90

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GON RIOEAU/WURTEMBURG ST, OTTAWA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	327	186	145	40	19	4	7	728
FEB	460	152	65	9	1	0	0	687
MAR	317	56	12	1	0	0	0	386
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	403	32	1	0	0	0	0	436
JUL	649	37	6	0	0	0	0	692
AUG	687	41	5	0	0	0	0	733
SEP	619	60	27	5	3	0	0	714
OCT	585	86	33	8	1	1	1	715
NOV	512	79	25	4	2	0	0	622
DEC	412	174	67	6	1	0	0	660
YEAR	4971	903	386	73	27	5	8	6373

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALIO	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.1	0	0.3	1.3	2.2	3.9	8.8	12.6	18.9	25.5	90	4.3



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION												
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	4	2	2	2	2	2	2	2	1	0	1	0	2	2	2	3	3	3	3	3	3	1	2		
2	1	3	1	1	2	2	4	6	7	6	5	2	2	3	2	2	3	2	1	3	3	2	2	3	3	
3	4	5	5	5	5	5	5	7	7	8	10	12	14	17	9	4	4	4	4	4	3	2	2	2	6	
4	2	2	3	2	2	1	1	1	2	2	2	2	2	2	3	2	1	1	1	1	2	3	1	2	2	
5	1	1	1	1	1	1	2	3	3	2	2	1	2	2	2	2	3	4	2	4	5	2	2	2	2	
6	1	1	1	1	1	3	3	3	2	2	2	2	2	2	2	2	***	3	3	6	6	5	3	2	3	
7	3	3	3	2	2	3	3	3	3	3	4	4	4	4	4	4	5	4	4	5	2	2	2	2	3	
8	2	1	0	1	1	1	2	2	3	3	6	4	3	3	3	4	3	3	3	3	2	2	2	2	2	
9	3	4	10	9	1	1	2	3	3	3	2	2	3	3	3	2	4	3	3	4	3	3	2	2	3	
10	2	1	1	1	1	3	3	3	3	2	2	3	2	2	2	2	5	7	9	26	34	43	47	58	11	
11	32	13	7	12	8	4	4	5	5	5	3	2	3	3	5	6	6	6	5	5	5	4	3	4	2	6
12	2	2	2	2	1	1	2	3	4	2	2	3	3	3	2	3	4	4	4	4	15	14	9	4	4	
13	4	4	2	2	2	2	3	4	5	6	6	6	8	11	9	9	9	9	9	10	8	6	7	5	6	
14	6	4	4	3	3	3	3	3	3	3	2	3	2	2	2	3	4	3	2	2	2	2	2	2	3	
15	2	2	1	2	1	1	2	3	4	-	2	2	2	2	2	4	4	6	7	8	8	5	7	4	4	
16	3	4	3	3	1	1	2	3	3	3	3	5	6	6	8	10	15	17	6	5	5	3	2	2	5	
17	2	2	2	2	3	3	2	2	2	2	3	3	3	4	4	4	4	4	5	5	7	6	4	3	3	
18	3	3	3	3	3	2	2	3	2	2	2	2	2	3	3	3	2	3	3	3	2	2	2	2	3	
19	2	2	4	15	9	7	5	14	18	18	13	11	9	7	8	8	9	6	4	9	11	10	11	10	9	
20	10	11	11	11	13	14	19	20	18	4	4	4	4	4	4	5	5	4	3	3	3	3	2	2	8	
21	2	2	2	2	2	2	3	5	5	4	4	5	4	6	4	6	7	7	6	6	7	10	6	3	5	
22	4	3	2	2	2	2	2	3	4	2	3	2	3	3	3	3	3	3	3	2	2	2	2	3	3	
23	2	2	2	2	2	2	2	2	2	2	2	2	4	3	***	***	4	3	3	5	5	7	7	7	3	
24	6	9	4	19	25	18	8	7	7	5	5	6	6	10	9	7	9	9	7	4	4	6	7	6	8	
25	6	6	6	5	5	5	7	8	7	8	7	6	4	4	4	4	4	3	4	4	4	4	4	4	5	
26	4	4	4	4	4	4	6	11	3	3	3	4	5	5	14	21	28	20	31	53	56	40	30	17	16	
27	6	4	4	2	2	2	2	3	3	-	3	4	4	4	4	4	4	5	3	3	3	3	3	2	3	
28	2	2	2	2	2	2	2	4	4	3	3	3	3	3	2	4	2	3	3	3	3	3	3	3	3	
29	3	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	5	5	4	2	2	2	2	2	3	
30	2	2	2	2	3	2	3	3	4	4	2	2	4	4	5	5	6	7	6	6	6	7	8	8	4	
31	7	6	7	4	4	4	4	3	4	4	4	4	2	3	5	5	7	6	6	4	8	8	8	5	5	
MEAN	4	4	3	4	4	3	4	5	5	4	4	4	4	4	5	5	6	5	5	7	7	7	6	6	4.7	

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - FEB 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	5	3	3	3	5	5	6	4	4	4	3	4	4	4	7	4	4	4	4	5	13	9	5
2	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	2	2	3	2
4	2	2	3	3	3	4	12	6	6	4	4	4	4	4	4	4	3	2	2	2	2	2	2	4	4
5	3	2	2	3	3	3	3	6	6	3	2	2	2	2	2	4	5	5	3	3	4	4	4	4	3
6	4	2	2	3	2	2	3	4	4	4	3	3	3	4	3	3	4	5	8	6	5	3	3	3	4
7	2	3	3	2	3	2	2	2	2	3	3	2	2	3	2	2	2	2	3	3	3	3	4	3	3
8	2	2	2	2	2	3	3	3	2	2	2	2	3	3	3	4	4	3	3	4	4	4	5	4	3
9	4	6	3	4	2	3	3	4	4	4	4	4	3	***	***	3	5	6	4	4	3	3	3	3	4
10	3	3	3	2	2	2	3	5	5	4	4	4	8	12	11	9	10	10	9	13	10	8	12	5	7
11	4	4	4	4	5	5	4	4	4	4	3	3	3	3	4	4	5	6	5	3	3	3	2	2	4
12	2	2	2	2	2	2	3	5	2	2	2	2	3	4	3	3	3	3	3	3	3	4	6	3	3
13	4	5	2	2	2	2	2	3	4	4	4	3	4	2	3	2	3	4	3	3	3	2	2	3	3
14	2	5	4	2	2	2	1	1	2	2	2	2	2	2	2	2	2	3	5	6	4	3	2	2	3
15	1	1	1	1	1	2	3	4	3	3	3	2	2	3	6	7	5	3	4	4	4	4	4	4	3
16	3	2	3	2	2	2	2	2	2	2	2	2	2	2	3	2	4	3	4	3	3	2	2	2	2
17	1	2	2	3	3	3	3	3	3	3	3	2	3	3	3	3	4	4	4	5	4	4	4	3	3
18	1	3	3	3	4	4	5	6	5	5	5	4	***	5	4	4	4	5	4	4	5	3	3	5	4
19	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	3	4	2	3	3	2	2	2	2	2
20	1	1	2	1	1	1	1	3	3	2	2	3	2	2	1	3	3	4	8	10	4	3	3	2	3
21	2	2	1	1	2	2	2	2	3	2	2	3	3	5	3	5	4	4	4	4	4	4	4	4	3
22	4	4	4	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	1	2	***	2	2	2	1	1	1
24	2	2	1	2	2	3	2	4	4	3	3	5	4	6	6	6	8	7	7	7	8	7	20	15	6
25	10	15	9	9	10	15	36	51	65	28	25	12	10	11	15	23	20	***	***	17	22	13	11	12	20
26	15	19	19	13	10	15	20	31	23	11	13	8	9	9	14	23	19	17	16	13	11	12	14	15	15
27	10	4	4	5	3	3	3	4	3	2	2	2	3	2	2	2	3	3	3	3	3	3	3	3	3
28	2	2	2	2	2	1	2	2	2	1	1	1	2	2	2	2	3	4	5	6	5	5	7	3	3
29	4	4	5	5	3	3	3	3	3	3	5	6	6	9	8	11	11	6	5	5	5	5	4	4	5
MEAN	4	4	3	3	3	3	5	6	6	4	4	3	3	4	4	5	5	4	5	5	5	4	5	4	4.2

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	5	5	4	3	3	3	1	3
2	1	2	2	2	2	2	2	3	3	3	5	5	4	5	5	4	5	4	5	5	5	4	3	3	4
3	3	2	1	2	2	2	2	3	4	5	6	7	6	6	6	5	7	7	6	7	8	8	6	7	5
4	3	5	4	4	3	4	3	3	4	4	4	4	3	4	5	5	4	4	4	7	8	6	6	5	4
5	6	6	6	6	5	6	5	5	5	-	-	-	-	-	-	-	5	4	4	3	3	2	2	2	4
6	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
7	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	3	2	4	7	5	3	3	2	3
9	2	2	3	6	7	3	3	3	2	2	2	2	2	2	2	4	4	3	5	5	4	5	5	6	4
10	9	8	4	3	3	3	2	3	3	3	4	4	6	6	5	6	8	8	6	6	4	5	5	4	5
11	3	3	3	3	4	4	2	3	2	2	2	2	2	2	2	2	4	4	5	5	6	7	6	7	4
12	9	9	7	7	8	2	15	35	22	6	2	2	2	2	2	3	4	5	5	3	3	4	5	6	7
13	5	5	5	4	3	4	7	5	4	3	3	3	3	3	3	4	3	3	3	3	3	2	2	2	4
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	4	4	2
16	3	2	1	1	1	1	1	1	2	2	-	2	2	3	5	5	5	4	4	3	3	3	3	3	3
17	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	3	2	3	2	2	2	2	2	2
18	3	3	2	3	2	3	3	3	2	2	2	-	1	1	1	2	3	3	4	5	4	4	4	4	3
19	4	2	3	3	2	2	3	3	5	4	7	9	8	8	8	8	9	7	7	9	10	10	13	12	7
20	12	14	13	14	14	16	19	19	7	8	7	7	7	6	6	5	7	7	6	4	4	4	4	4	9
21	4	3	3	3	3	3	3	4	4	6	6	5	5	4	3	3	3	3	3	2	2	2	2	2	3
22	0	0	0	0	0	0	1	2	2	2	2	2	2	1	2	2	2	1	2	1	2	2	2	2	1
23	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
24	3	2	2	3	3	2	2	3	3	2	4	4	4	3	3	3	3	5	9	11	28	30	17	16	7
25	8	4	2	2	2	2	3	5	7	-	9	9	8	7	7	7	6	5	4	3	3	3	5	3	5
26	3	2	3	3	3	3	4	4	4	4	3	3	4	3	4	4	4	5	5	5	6	5	5	4	4
27	7	3	3	2	2	3	4	4	4	5	5	5	5	4	4	4	5	4	4	5	5	5	5	3	4
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	4	2	2
29	3	3	3	3	3	3	3	2	2	2	2	2	2	2	-	3	3	4	4	4	4	4	4	3	3
30	4	8	5	4	3	3	3	4	4	4	5	5	4	4	4	5	4	5	5	6	6	6	5	5	5
31	5	5	5	5	6	6	8	8	11	9	9	9	9	9	9	7	7	8	8	11	14	11	11	8	8
MEAN	4	4	3	3	3	3	4	5	4	3	4	4	4	3	4	4	4	4	4	5	5	5	5	4	3.9

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	7	6	6	6	7	10	9	7	6	6	6	6	6	6	6	5	6	7	8	10	7	7	7
2	6	7	5	5	10	11	13	14	8	7	7	6	5	5	4	3	3	-	5	6	4	4	4	4	6
3	5	4	3	3	3	3	3	3	4	4	4	4	3	3	3	2	2	2	3	3	2	3	3	2	3
4	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	2
6	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	2	3	5	4	3	3	3	3	3
7	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1	3	6	5	4	5	5	5	2
8	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	3	6	8	9	6	3	3	2
9	4	4	6	7	6	6	5	3	1	1	1	1	2	1	2	2	2	4	5	8	10	6	4	3	4
10	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3	3	2	2
11	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1
13	1	1	1	1	1	2	2	3	3	2	3	3	2	2	2	2	3	3	4	5	4	3	3	3	2
14	3	3	3	2	2	3	3	4	3	3	2	2	2	2	2	3	-	3	4	6	4	4	3	3	3
15	3	3	2	2	2	3	3	3	3	-	-	5	6	6	7	7	7	7	6	6	6	7	7	7	5
16	6	6	6	6	6	6	6	7	7	6	6	7	6	6	7	6	6	6	6	6	6	6	6	6	6
17	6	6	6	6	6	6	6	5	6	5	5	5	5	6	6	6	5	5	5	5	5	5	5	5	5
18	5	5	5	7	7	5	5	4	4	4	5	5	4	4	4	3	3	3	3	4	4	3	3	3	4
19	3	3	3	3	3	3	4	4	3	5	4	4	3	4	4	4	3	3	3	3	3	4	4	3	3
20	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	5	8	6	5	5	4	3
21	3	2	2	2	2	2	2	1	3	3	****	3	3	3	3	3	3	4	6	6	5	3	5	5	3
22	4	4	4	4	5	5	6	7	9	7	6	6	5	5	4	5	4	4	4	4	4	4	4	4	5
23	3	3	3	4	4	3	3	3	4	5	3	3	3	3	3	3	4	3	5	4	3	5	5	5	4
24	6	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	6	6	3	3
25	6	4	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
26	2	2	2	1	2	2	4	4	3	3	3	4	4	4	5	5	5	3	4	4	3	4	3	3	3
27	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	4	4	3	4	4	4	4	4	4	4
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
29	2	2	2	3	2	2	3	4	3	3	3	4	3	3	4	5	3	4	4	4	2	2	2	3	3
30	3	3	3	3	3	3	4	4	3	2	3	4	2	2	4	4	3	3	5	5	5	3	3	3	3
MEAN	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - MAY 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	3	3	3	4	4	4	3	2	2	4	4	4	4	4	5	6	6	5	5	5	
2	5	5	4	3	3	3	3	3	3	3	4	3	4	3	2	2	2	2	3	6	5	3	3	2	3
3	2	2	2	2	1	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	2	2	2
4	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	2	2	1	2	2
5	2	2	2	2	2	2	2	2	2	2	2	4	2	3	2	2	2	3	4	3	3	2	2	2	2
6	3	3	3	3	3	3	3	4	3	3	3	3	3	2	2	2	2	2	2	2	3	2	2	2	3
7	2	2	2	2	2	2	4	4	3	3	4	4	3	3	4	4	4	4	3	4	3	2	3	3	3
8	3	2	2	1	1	2	2	2	2	2	2	1	2	2	2	2	3	4	3	3	2	2	2	2	2
9	3	3	3	2	3	2	3	3	3	3	3	3	2	2	2	3	3	2	2	3	3	3	3	2	3
10	2	2	2	2	3	4	4	4	3	4	3	4	3	2	2	2	2	2	2	3	3	3	3	3	3
11	2	2	2	2	2	2	4	3	3	3	3	3	4	4	4	4	4	3	3	2	2	4	5	4	3
12	4	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	2	2	3	2	2	2	2	2	3
13	2	2	2	1	1	2	2	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
14	4	4	4	3	5	8	9	9	8	8	5	5	5	5	4	4	5	5	5	5	6	5	5	4	5
15	3	4	4	4	3	3	3	3	3	3	3	3	3	2	3	3	3	3	4	7	11	9	7	6	4
16	6	6	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	4	3	3	5	4	4
17	4	3	3	3	3	3	4	4	3	3	3	3	3	4	4	4	3	3	3	3	3	3	4	3	3
18	3	2	1	1	1	1	3	3	3	3	-	-	4	3	3	4	4	4	-	-	4	3	3	3	3
19	2	3	1	1	2	2	2	4	3	4	3	4	4	5	4	4	3	4	5	6	3	3	3	2	3
20	3	2	2	2	2	3	3	2	3	3	3	3	4	3	4	4	5	5	4	5	6	7	5	5	4
21	6	3	3	3	3	3	3	3	3	4	4	5	3	3	3	4	4	4	4	4	4	4	4	4	4
22	4	2	2	3	3	3	3	3	3	3	3	3	3	2	3	2	2	2	2	3	3	2	2	2	3
23	2	3	1	2	2	3	1	1	1	2	2	1	1	2	2	3	3	3	4	3	3	2	3	2	2
24	2	1	2	1	2	2	2	1	2	2	2	3	2	3	3	3	3	3	3	4	4	5	5	5	3
25	5	5	5	5	4	5	5	5	3	4	3	3	3	3	3	4	4	3	4	6	10	10	11	7	5
26	9	6	8	8	8	5	6	5	5	5	6	4	6	5	2	3	3	4	4	6	5	4	2	3	5
27	3	3	3	4	3	3	4	5	4	5	5	5	4	2	3	5	4	4	4	3	3	3	2	3	4
28	3	2	2	2	2	3	3	4	3	3	4	3	3	3	3	3	3	4	4	7	7	6	5	4	4
29	5	2	3	3	3	3	3	3	3	4	4	4	3	4	3	4	4	4	4	5	6	7	7	6	4
30	7	6	4	5	4	5	5	4	4	5	4	4	4	3	3	5	5	6	5	6	7	-	-	-	5
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	7	6	6	7	7	5	5	*****
MEAN	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3.3

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - JUN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1															- DATA UNAVAILABLE -										
2															- DATA UNAVAILABLE -										
3															- DATA UNAVAILABLE -										
4															- DATA UNAVAILABLE -										
5															- DATA UNAVAILABLE -										
6															- DATA UNAVAILABLE -										
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	6	6	7	7	7	8	8	*****
8	8	8	8	7	7	7	8	8	8	8	8	9	10	7	5	8	8	8	8	8	8	9	11	10	8
9	9	5	7	6	7	6	7	6	5	5	5	6	6	5	4	5	5	5	5	5	7	7	6	6	6
10	4	5	4	4	5	5	5	6	5	6	6	6	6	4	4	4	5	4	5	5	5	4	3	4	5
11	3	3	3	3	3	3	5	5	-	7	6	6	6	6	6	6	6	6	7	7	4	3	4	3	5
12	3	2	2	1	1	1	2	2	2	2	3	2	3	2	2	3	3	3	3	4	5	7	5	5	3
13	6	3	3	4	4	5	3	3	2	3	4	4	4	4	4	5	7	6	6	6	5	5	5	4	4
14	6	4	4	4	4	4	5	5	5	4	5	5	6	6	6	7	5	5	5	5	5	5	5	5	5
15	4	5	5	5	5	5	5	6	6	6	6	6	6	5	5	5	5	5	6	6	7	8	9	10	6
16	10	10	9	9	9	8	9	8	9	9	9	9	10	10	10	8	8	6	7	6	7	7	7	7	8
17	7	6	6	6	6	6	7	6	6	6	6	5	6	6	5	5	6	6	6	7	7	6	5	5	6
18	6	4	5	4	4	4	5	5	5	-	2	4	5	5	5	5	6	6	7	7	8	8	8	8	5
19	9	8	7	7	7	8	9	8	9	8	7	7	7	7	6	7	8	8	10	9	8	8	10	9	8
20	7	7	8	9	9	8	8	8	8	8	8	9	10	9	10	10	9	9	9	9	9	9	9	9	9
21	9	8	8	8	8	8	9	10	-	8	8	8	7	7	8	7	7	7	8	9	8	9	9	9	8
22	10	9	10	10	9	11	13	14	11	9	9	9	10	10	-	10	11	10	9	9	9	8	9	7	10
23	7	6	7	7	7	7	8	8	9	10	11	11	12	11	8	10	10	9	8	9	9	10	10	9	9
24	9	8	8	8	8	9	8	8	8	9	9	8	8	8	-	7	8	7	8	8	9	10	9	8	8
25	9	9	9	10	10	10	11	12	-	-	11	12	12	13	13	13	12	12	12	12	11	9	9	9	11
26	9	9	9	9	9	9	10	10	9	9	9	7	5	5	5	6	6	7	8	8	8	8	8	10	8
27	10	12	13	13	11	9	6	5	5	5	5	5	4	4	4	4	3	4	3	5	6	4	4	4	6
28	3	3	3	3	3	3	4	4	4	6	7	6	5	4	-	5	5	5	5	5	7	5	5	6	5
29	6	6	6	5	4	5	5	5	6	5	-	5	5	5	6	5	5	5	6	6	9	9	11	11	6
30	9	9	8	8	8	6	5	5	5	7	7	7	8	-	-	9	10	11	13	12	11	8	8	7	8
MEAN	7	6	7	7	6	6	7	7	6	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	6.8

PERCENTAGE OF DATA VALID - 76.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 23.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	7	8	7	7	7	7	7	6	6	6	6	6	5	4	4	5	5	5	7	7	8	8	6
2	8	6	6	4	4	5	5	5	-	-	5	5	4	4	4	4	4	4	4	4	4	4	4	4	5
3	4	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	6	7	10	9	14	10	6
4	8	8	7	6	5	6	6	6	6	6	7	6	7	7	6	6	6	5	5	6	6	6	6	6	6
5	6	6	6	6	7	6	7	8	9	11	9	11	9	8	-	6	6	6	7	8	8	6	6	6	7
6	7	7	7	6	6	6	6	7	7	9	8	7	6	6	6	6	7	6	4	4	4	5	4	5	6
7	5	5	5	5	6	8	8	8	7	7	7	6	6	5	-	5	5	5	6	7	6	6	6	6	6
8	6	6	6	6	6	7	7	7	7	8	9	9	7	-	-	6	6	6	7	6	6	6	6	6	7
9	6	6	5	6	6	5	4	4	4	4	4	3	2	-	3	3	3	3	3	4	7	7	4	4	4
10	4	4	3	3	3	3	3	3	4	6	4	4	4	4	4	5	5	6	6	6	6	6	6	6	5
11	8	8	7	7	7	7	8	9	9	10	10	11	11	11	11	11	12	12	13	14	14	13	10	10	10
12	10	9	7	7	6	5	5	5	-	5	5	5	4	4	4	4	3	3	3	3	4	3	3	3	5
13	3	3	3	3	3	3	4	4	4	4	4	4	4	5	7	9	8	7	7	6	5	6	6	5	5
14	5	5	5	5	4	4	5	5	5	5	4	4	5	4	5	4	4	6	6	6	6	6	6	5	5
15	5	5	5	6	5	4	5	4	5	4	4	4	4	-	3	4	3	4	4	7	7	7	4	4	5
16	4	4	4	4	4	4	4	4	4	-	-	-	7	7	7	7	9	9	9	8	10	10	7	7	6
17	7	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4
18	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	4	5	6	6	5	-	4	4	3	3	3	4	4	4	4	4
20	4	4	4	4	3	3	3	3	3	4	4	4	3	3	3	4	4	4	3	3	3	4	4	5	4
21	6	6	6	6	5	5	6	5	2	1	2	2	1	2	2	2	1	1	1	3	5	5	4	5	4
22	6	4	3	3	2	2	3	2	2	2	1	1	1	1	-	2	1	1	2	2	4	5	3	3	2
23	1	2	1	2	3	2	2	2	-	-	-	3	3	3	3	3	2	2	3	3	2	3	3	3	2
24	3	4	3	3	4	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2
25	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1	2	2	2	2	2	3	4	4	4	2
26	2	2	2	2	2	2	2	2	-	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	2
27	3	4	5	5	6	5	5	5	5	6	5	5	5	4	4	3	3	3	3	4	3	3	3	3	4
28	2	2	2	2	2	2	2	2	2	2	2	2	2	-	1	2	3	2	3	4	6	8	8	6	3
29	3	3	3	3	2	7	6	5	3	3	3	3	3	3	5	5	5	5	4	3	3	3	3	3	4
30	3	3	3	3	3	3	3	3	-	4	5	5	5	5	5	7	6	5	5	6	6	5	7	13	5
31	7	5	4	4	4	4	4	4	4	4	4	5	4	4	5	4	5	5	5	5	5	5	5	4	5
MEAN	5	5	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	5	5	5	5	5	4.6

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	4	3	4	4	2	2	2	3	3	3	4	5	4	4	3	3	3
2	2	2	2	2	2	2	2	-	-	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	3	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	3
5	2	2	2	2	2	2	3	2	2	2	2	3	2	-	2	2	2	2	2	2	3	2	2	2	2
6	3	2	2	2	1	1	1	-	-	-	4	3	3	3	3	3	2	2	3	5	5	5	4	4	3
7	4	4	3	3	3	4	3	3	4	4	3	4	4	4	4	4	3	4	5	5	6	6	6	6	4
8	5	5	5	5	5	5	5	5	6	6	6	7	8	8	8	8	9	9	9	11	10	10	9	9	7
9	8	8	7	7	7	7	9	10	-	-	8	7	6	5	5	5	-	4	6	7	8	9	10	6	7
10	8	9	7	7	5	5	4	5	4	4	5	4	5	-	-	3	3	4	5	5	6	5	6	6	5
11	5	4	3	3	3	3	3	3	3	5	5	5	5	4	5	5	4	5	4	5	5	5	5	5	4
12	4	4	4	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	5
13	5	5	4	4	4	4	5	4	-	-	4	5	7	6	7	8	8	9	9	10	13	11	10	10	7
14	10	9	9	9	9	8	9	9	8	9	9	9	9	9	8	8	9	8	7	9	9	12	10	9	9
15	9	9	8	7	7	6	4	4	4	5	5	5	6	6	6	5	4	4	5	5	5	3	3	3	5
16	3	2	2	1	2	1	2	2	-	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	6	7	11	17	15	4
18	8	4	4	4	6	12	11	9	4	3	2	2	2	2	2	2	2	2	3	7	8	19	7	3	5
19	3	7	5	3	13	14	7	2	-	-	2	2	2	2	2	3	3	3	-	-	-	-	-	-	5
20	-	-	-	-	-	-	-	-	-	3	4	4	5	5	5	6	5	5	4	4	4	4	4	4	*****
21	4	3	3	3	3	3	3	4	4	6	4	6	6	6	7	6	7	7	7	7	7	7	6	5	5
22	5	4	4	4	4	3	3	3	5	5	5	5	5	5	4	5	4	3	4	4	4	3	3	3	4
23	3	5	4	4	5	8	8	5	4	4	5	4	4	-	-	3	3	3	3	4	4	3	2	2	4
24	2	2	2	2	2	3	5	4	3	3	4	4	3	2	2	2	2	2	3	3	3	2	2	2	3
25	2	2	2	2	2	2	2	2	2	3	3	3	4	4	3	3	2	2	5	4	4	4	4	3	3
26	3	3	3	3	3	3	3	3	3	3	4	3	5	4	4	5	6	6	7	8	8	9	10	9	5
27	8	7	6	6	6	6	8	8	7	7	7	7	-	-	-	9	10	9	8	6	6	6	6	6	7
28	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	5	4	5	4	5	5	5	5	5
29	5	5	5	5	4	4	4	5	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3
30	0	0	0	0	0	1	2	2	0	2	2	2	1	2	2	2	1	2	2	2	2	3	4	2	2
31	1	1	1	1	1	2	2	3	2	2	1	2	-	2	2	2	2	2	3	2	2	3	2	2	2
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	6	5	5	4.2

PERCENTAGE OF DATA VALID - 94.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - SEP 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	5	6	6	3	2	2	3
2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2	4	11	13	11	6	3	4
3	2	2	2	2	1	2	2	2	2	2	2	2	-	-	2	2	2	3	3	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	5	5	5	5	5	6	8	7	7	4
5	6	5	5	5	4	4	3	2	2	3	3	3	2	3	3	3	3	4	3	3	2	2	2	1	3
6	1	1	1	1	2	2	-	-	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2
7	5	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	6	9	10	9	13	15	5
8	24	22	15	10	8	5	5	4	2	2	3	3	2	2	2	2	2	3	3	5	5	3	3	3	6
9	8	10	11	11	8	9	11	8	4	4	4	3	2	3	2	2	3	3	6	6	5	6	8	7	6
10	5	4	3	3	4	6	7	10	9	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	4
11	2	2	1	1	1	1	1	2	1	2	2	2	1	1	2	2	2	2	2	3	3	2	3	3	2
12	2	2	2	2	2	2	2	2	3	3	3	3	3	4	3	3	3	3	7	9	8	6	5	3	4
13	3	3	3	3	3	3	3	5	3	4	5	4	3	4	4	3	3	3	3	3	4	5	6	4	4
14	4	3	4	4	4	3	3	4	4	4	4	4	5	3	3	3	3	3	3	3	4	4	4	4	4
15	3	3	3	2	2	3	3	4	4	4	4	5	5	4	4	-	4	4	5	5	5	6	3	2	4
16	2	2	2	2	2	3	4	4	4	4	4	4	5	6	5	5	6	7	9	9	8	9	10	7	5
17	7	-	7	6	6	10	12	12	8	6	6	6	6	6	7	8	7	6	6	6	6	6	5	7	7
18	4	4	5	6	5	4	5	6	4	4	5	3	3	3	2	2	3	3	3	3	3	3	3	3	4
19	2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2
20	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	4	2	1	1	1	0	0	2
21	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2
22	2	2	1	1	3	7	16	8	3	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	3
23	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	2	1	2
24	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	4	2	2	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	5	5	6	7	10	12	12	4	4
26	3	2	3	3	3	3	3	2	2	2	2	2	3	3	3	3	4	3	2	2	2	3	5	3	3
27	1	1	1	1	1	1	3	4	-	2	2	2	2	2	3	2	3	3	3	3	3	3	3	2	2
28	2	1	1	0	1	1	1	2	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1	0	1
29	1	1	1	1	1	1	0	0	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	2	2
30	2	2	2	1	1	1	3	2	2	2	2	2	2	2	1	2	3	3	4	4	5	5	4	2	2
MEAN	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - OCT 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	4	3	3	5	9	8	-	-	4	4	4	4	4	5	6	8	16	23	39	32	32	22	11
2	17	21	23	12	9	9	4	5	11	8	4	5	5	5	5	4	4	6	8	13	18	27	23	9	11
3	8	5	5	14	11	7	-	-	-	-	-	-	-	-	-	2	2	3	7	17	22	17	20	20	*****
4	3	4	4	3	3	3	5	4	-	2	2	2	2	2	3	3	4	6	10	11	12	16	15	16	6
5	14	11	10	11	10	9	11	14	11	4	4	3	3	3	4	5	5	5	9	10	15	10	6	6	8
6	4	3	3	5	8	12	11	15	6	3	4	3	4	5	4	4	4	5	5	5	3	3	3	3	5
7	4	4	4	4	4	4	3	4	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	2	3
8	2	2	2	2	2	2	2	2	-	3	3	4	3	3	4	3	3	3	3	2	3	2	2	2	3
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	-	-	2
10	-	-	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
11	0	0	0	1	1	1	1	1	0	0	-	-	0	1	1	1	1	3	9	11	23	27	1	1	4
12	2	1	1	1	1	3	2	1	1	1	1	0	0	0	0	1	1	8	11	5	4	2	2	2	2
13	1	1	1	1	1	2	12	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	0	0	0	0	1	1	1	0	1	1	0	1	2	2	0	0	1	1	-	1	1	1	1
15	1	1	1	1	1	1	5	7	2	4	4	3	2	3	3	3	3	3	3	3	3	1	1	1	3
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	0	1	1	1	1	2	-	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1	1
19	2	1	1	1	2	3	6	5	4	2	1	1	1	1	2	3	3	2	2	2	2	1	1	1	2
20	2	2	1	1	1	2	3	5	3	3	4	3	3	3	3	3	3	3	3	4	3	3	2	2	3
21	2	1	1	1	1	2	2	2	2	2	2	2	-	2	2	2	2	2	3	1	1	1	1	1	2
22	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	2	2	2	2
23	1	1	1	1	1	1	1	1	1	1	1	2	0	1	1	2	3	3	4	5	4	4	5	8	2
24	13	18	22	19	10	11	11	11	5	1	1	1	2	2	2	2	2	2	3	3	3	2	2	3	6
25	2	1	1	1	2	2	2	-	2	2	2	2	2	3	3	5	4	4	3	3	3	1	1	1	2
26	1	1	1	1	1	2	3	4	1	1	1	1	1	1	1	1	1	1	3	1	2	4	4	1	2
27	1	1	1	1	1	1	1	2	1	2	2	1	1	1	2	2	2	3	2	3	3	2	1	1	2
28	2	2	2	1	1	1	3	2	1	2	2	2	2	2	3	3	4	3	4	3	3	3	3	3	2
29	3	3	3	3	3	3	4	4	4	-	-	2	3	3	4	4	4	4	4	4	3	3	3	3	3
30	3	2	2	2	2	3	3	3	3	3	3	3	4	3	4	4	4	4	4	6	4	4	4	4	3
31	4	5	4	4	3	3	3	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3
MEAN	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	3	3	3	4	5	6	6	5	4	3.4

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	3	4	4	4	3	4	5	3	2
2	2	2	2	1	1	3	3	4	4	1	2	2	2	1	1	2	-	2	3	2	3	3	3	2	2
3	2	2	1	2	2	3	4	6	6	3	3	3	3	2	3	5	6	3	3	4	5	5	7	7	4
4	5	6	7	5	5	5	6	7	7	6	5	6	5	4	6	9	9	8	9	11	7	6	5	3	6
5	3	3	2	2	2	2	4	4	6	4	4	-	-	-	-	-	-	-	-	-	-	8	6	4	*****
6	5	6	4	4	4	4	3	3	5	5	5	5	4	4	4	4	4	5	5	5	4	4	4	4	4
7	3	3	3	3	2	2	2	3	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	2	2
8	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2
9	1	1	1	1	1	1	2	3	2	2	2	2	2	2	1	1	3	2	1	3	3	3	3	3	2
10	3	2	2	2	3	2	4	4	5	6	7	7	6	6	7	8	12	15	12	4	3	3	2	2	5
11	2	2	2	2	2	2	2	2	2	2	3	2	3	2	3	3	3	4	3	3	3	3	3	3	3
12	3	2	2	2	3	3	3	4	3	-	2	3	2	2	2	2	5	5	6	3	3	2	3	2	3
13	1	1	1	1	1	1	1	2	2	3	3	2	2	2	1	2	3	3	3	2	2	2	1	1	2
14	1	3	2	3	3	3	2	2	1	3	3	2	2	3	3	3	2	2	3	2	2	2	2	2	2
15	2	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	5	8	16	15	8	3	3	4
16	3	2	2	2	2	3	3	3	-	-	-	-	3	3	3	3	2	2	2	2	2	2	2	2	2
17	1	1	1	0	1	1	1	2	3	3	3	3	4	3	3	4	4	5	4	5	4	2	2	2	3
18	2	3	2	2	2	2	2	3	3	4	2	4	4	4	4	4	5	3	3	2	3	2	1	2	3
19	1	1	1	1	1	1	-	3	3	3	4	5	3	3	3	3	5	3	4	4	1	1	1	1	2
20	1	1	2	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1
21	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	1	1	1	1	1	1	1	1	2	1	2	2	2	3	2	4	3	3	3	3	2	2	2	1	2
24	1	1	1	1	1	1	1	3	2	-	3	3	3	3	3	3	3	3	3	2	3	3	3	2	2
25	2	1	2	2	2	2	2	3	3	3	3	3	3	3	3	4	5	3	4	3	3	3	3	3	3
26	3	3	3	3	3	3	3	5	7	5	10	19	7	4	4	4	4	3	5	4	5	5	5	5	5
27	5	5	5	4	4	4	4	4	6	4	4	4	4	4	4	4	3	4	4	4	2	2	2	2	4
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2
29	1	1	1	1	1	1	2	2	-	2	2	2	2	2	2	3	3	3	2	2	2	1	1	1	2
30	2	1	1	1	1	1	3	3	2	-	-	-	-	3	3	3	2	2	2	2	1	1	1	1	2
MEAN	2	2	2	2	2	2	2	3	3	3	3	4	3	3	3	3	4	4	4	4	3	3	3	2	2.8

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	3	2	2	2	2	2	2	3	-	3	3	3	3	2	2	2	2	2	2
2	2	2	2	2	2	2	3	4	4	3	3	4	3	3	3	4	3	3	2	2	2	1	1	2	3
3	1	1	1	1	1	1	1	1	3	2	2	2	2	3	2	3	3	3	3	4	4	3	3	3	2
4	4	6	12	9	11	10	7	4	4	3	3	3	3	3	6	8	9	9	7	6	6	7	7	7	6
5	7	7	6	6	5	5	4	6	5	6	3	3	5	4	4	3	2	3	4	4	3	3	3	2	4
6	3	4	6	6	5	6	5	8	-	-	4	4	3	4	5	6	6	6	8	7	4	4	4	4	5
7	3	3	3	3	4	4	3	5	9	4	4	4	6	6	6	3	3	3	3	1	1	1	1	1	4
8	1	1	1	1	1	1	1	2	2	1	1	1	3	2	3	4	3	2	3	3	2	2	3	2	2
9	3	2	2	1	1	1	1	2	2	1	2	2	2	2	2	3	5	4	4	9	8	7	7	9	3
10	5	1	1	1	1	1	1	3	3	7	8	9	9	9	10	12	12	13	13	5	4	5	4	4	6
11	4	3	2	1	1	1	1	2	2	2	2	3	3	3	3	4	7	7	3	4	3	2	3	2	3
12	1	1	3	2	2	3	3	3	3	4	4	4	4	5	5	4	5	5	6	6	4	4	4	3	4
13	1	1	1	1	1	1	2	2	3	-	2	2	3	2	3	3	3	2	3	3	4	3	2	2	2
14	1	1	1	1	-	1	2	3	3	2	2	2	3	3	3	3	3	2	3	2	2	2	4	4	2
15	5	3	3	3	3	5	3	4	4	5	5	5	3	3	4	4	4	4	6	8	5	8	4	4	4
16	6	3	4	4	4	4	4	5	5	6	-	10	12	10	11	10	8	8	9	14	10	9	12	10	8
17	8	6	6	6	5	5	8	7	-	-	4	6	4	5	6	6	7	7	7	7	6	5	3	3	6
18	3	2	2	3	2	1	1	1	2	2	2	2	2	2	3	4	4	2	3	3	4	3	3	3	2
19	3	3	1	1	1	2	2	2	2	2	2	2	2	4	5	7	7	7	8	7	7	7	7	6	4
20	7	7	7	6	6	5	4	5	-	3	4	5	10	9	9	9	10	11	9	5	3	2	2	2	6
21	1	2	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
22	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	3	4	5	5	6	7	8	11	13	3
23	2	3	3	2	2	2	3	3	3	3	2	3	3	4	3	3	3	3	4	4	4	4	3	3	3
24	3	3	3	3	2	1	2	2	2	2	3	3	3	3	2	2	2	4	4	8	12	17	5	3	4
25	5	5	1	1	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	3
26	2	2	2	2	2	3	3	3	3	5	5	4	2	2	2	3	3	3	3	3	3	2	2	2	3
27	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	3	3	3	4	4	4	4	4	4	2
28	3	4	3	7	10	10	9	7	5	4	4	3	4	4	4	4	6	8	10	9	5	4	3	6	6
29	5	3	2	2	1	2	2	3	4	5	6	7	8	6	8	9	10	10	8	7	7	7	9	7	6
30	6	6	6	4	4	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	2	2	3	3
31	2	2	2	2	3	3	3	3	3	-	2	2	2	3	3	2	3	3	3	2	1	1	1	1	2
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.7	16	58
FEB	29	4.2	20	65
MAR	31	3.9	9	35
APR	30	3.4	7	14
MAY	30	3.3	5	11
JUN	23	6.8	11	14
JUL	31	4.6	10	14
AUG	30	4.2	9	19
SEP	30	3.2	7	24
OCT	30	3.4	11	39
NOV	29	2.8	6	19
DEC	31	3.7	8	17
YEAR	355	4.0	20	65

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	578	115	32	5	4	2	3	739
FEB	590	53	37	6	2	0	2	690
MAR	607	103	19	3	1	0	0	733
APR	605	107	3	0	0	0	0	715
MAY	670	50	2	0	0	0	0	722
JUN	188	329	33	0	0	0	0	550
JUL	501	208	15	0	0	0	0	724
AUG	550	144	12	0	0	0	0	706
SEP	625	70	14	2	0	0	0	711
OCT	637	33	36	10	3	0	0	719
NOV	651	37	7	0	0	0	0	695
DEC	593	126	15	0	0	0	0	734
YEAR	6795	1375	225	26	10	2	5	8438

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.1	0	0.9	1.8	2.7	3.9	6.9	8.8	11.7	15.1	65	4.0

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - NE NO 77016					ASH ST WATER TANK, SUDBURY										MONTH - JAN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	2	5	10	6	3	2	3	2	2	2	2	
2	2	2	1	1	1	1	2	2	2	3	3	3	4	3	4	4	4	4	3	3	3	6	2	2	3	
3	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1	
4	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	
5	4	2	3	2	4	5	11	17	25	12	6	5	7	****	5	4	2	2	3	2	2	2	2	1	6	
6	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	4	4	4	4	3	3	3	2	2	2	
7	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	5	8	8	14	16	35	5	
8	21	8	27	17	13	8	8	8	16	12	9	9	4	3	3	3	3	3	3	3	1	1	1	1	8	
9	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	3	8	14	11	6	3	4	2	5	3	
10	3	2	2	5	2	1	2	3	4	10	8	5	5	5	6	7	9	14	15	9	6	5	7	7	6	
11	6	4	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	
12	1	1	1	1	2	2	2	3	4	6	5	6	6	5	6	9	9	6	5	3	3	3	3	3	4	
13	2	3	3	2	2	2	2	3	3	3	3	3	3	2	2	****	****	9	10	9	6	4	1	1	4	
14	1	1	1	1	1	1	1	1	1	3	2	****	1	1	1	1	2	0	0	0	0	0	0	0	1	
15	0	1	0	0	0	1	1	1	5	4	1	0	1	2	3	3	6	11	10	7	5	4	4	2	3	
16	1	1	1	0	0	0	0	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	
17	0	0	1	0	0	0	1	1	1	0	0	0	1	1	1	2	4	8	5	2	2	2	2	2	2	
18	3	2	3	1	0	1	3	3	9	12	6	3	3	6	3	3	3	3	3	4	4	4	5	1	4	
19	1	1	1	1	1	2	1	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	7	6	2	1	2	2	****	
21	3	2	2	3	3	4	6	7	10	5	1	0	1	1	1	2	2	2	1	0	0	0	1	1	2	
22	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2	1	0	0	
23	1	1	2	1	0	0	0	1	2	5	5	****	6	6	5	6	9	13	15	16	18	19	16	12	7	
24	8	9	8	7	3	3	4	5	5	4	4	4	5	4	3	5	4	4	4	4	5	8	7	5	5	
25	13	19	16	17	12	11	8	7	5	5	3	3	2	4	4	4	3	3	1	1	1	1	1	2	6	
26	2	1	1	1	1	2	2	3	3	2	2	****	4	3	3	4	3	3	3	3	3	3	3	3	4	
27	4	9	7	4	4	4	4	4	7	8	5	4	2	3	2	3	4	4	3	3	1	2	3	3	4	
28	9	13	9	3	3	4	3	4	4	3	2	2	2	2	4	3	3	5	4	4	3	3	3	3	4	
29	3	3	2	2	1	2	1	1	1	1	1	1	0	2	1	2	2	1	1	3	3	2	3	1	2	
30	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	5	11	13	22	19	18	14	27	7	
31	51	39	26	29	36	32	16	9	6	6	5	5	6	2	2	2	2	2	2	2	2	2	1	2	12	
MEAN	5	4	4	4	3	3	3	3	4	4	3	2	3	2	3	3	4	5	5	4	4	4	4	4	3.6	

PERCENTAGE OF DATA VALID - 95.3

PERCENTAGE OF DATA INVALID - 4.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - NE NO 77D16					ASH ST WATER TANK, SUDBURY										MONTH - FEB 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	3	3	2	1	1	2	1	2	2	2	0	0	1	1	1	1	1	1	1	0	0	0	0	1	
2	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	
3	2	2	2	2	2	2	2	3	4	3	2	2	1	1	1	2	2	2	2	3	3	3	5	6	2	
4	3	3	2	1	1	1	1	0	1	1	1	1	1	2	***	2	2	1	2	4	3	2	2	1	2	
5	1	3	2	3	6	14	7	4	7	10	8	6	7	4	4	5	6	6	5	3	2	2	2	2	5	
6	2	4	3	1	1	2	2	3	8	4	5	4	2	2	2	2	2	2	2	2	1	1	1	2	3	
7	2	1	1	1	1	2	3	3	8	5	3	3	7	4	4	4	2	2	2	2	2	2	3	2	3	
8	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	
9	1	3	3	3	3	8	6	10	16	6	4	3	3	2	2	2	2	2	2	2	3	3	2	2	4	
10	3	3	3	3	3	4	4	7	6	8	4	5	5	8	11	8	7	5	4	2	2	2	2	2	5	
11	2	4	3	2	2	2	2	4	8	5	2	2	2	2	1	1	1	1	1	2	4	4	6	8	3	
12	13	6	5	5	5	8	6	7	9	7	5	5	5	8	8	6	10	5	4	4	3	3	3	3	6	
13	3	3	2	2	2	2	1	1	2	1	1	0	2	1	2	1	2	2	2	1	1	1	2	1	2	
14	1	1	0	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	2	1	2	3	1	4	1	
15	2	3	2	2	2	2	2	3	3	3	3	4	4	6	5	3	3	3	3	4	1	1	1	1	3	
16	1	2	2	1	1	2	2	4	9	9	4	***	3	2	4	4	4	6	6	4	3	2	2	2	3	
17	1	1	1	1	1	1	2	2	2	2	2	2	2	3	4	6	5	7	16	12	14	14	15	5		
18	4	3	4	2	1	2	2	5	6	3	***	3	2	2	3	3	3	2	2	2	2	2	2	2	3	
19	2	1	0	0	0	1	2	2	2	1	1	2	1	1	1	1	3	2	1	1	1	1	2	2	1	
20	2	1	0	0	1	1	2	3	6	6	***	3	3	2	2	4	8	8	10	7	4	4	4	4	4	
21	3	2	2	2	2	2	2	3	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
22	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	
23	0	1	1	1	1	1	1	9	9	9	4	***	2	2	2	2	2	2	2	2	2	2	2	2	3	
24	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	6	6	4	3	
25	4	5	3	2	2	2	4	5	6	4	5	5	4	5	5	7	8	8	4	4	4	6	4	4	5	
26	3	3	3	4	3	2	3	3	4	3	3	4	4	4	3	4	5	5	9	7	6	6	3	3	4	
27	2	2	2	2	1	1	1	1	1	2	-	2	2	2	2	2	4	4	3	2	2	2	2	2	2	
28	1	1	0	1	1	0	1	2	2	2	1	2	1	2	2	3	5	8	11	13	3	4	4	4	3	
29	3	3	3	3	3	3	3	3	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	
MEAN	2	2	2	2	2	2	2	3	5	4	3	2	2	3	3	3	3	3	3	3	3	3	3	3	2.8	

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION													
	STATION - NE NO 77016					ASH ST WATER TANK, SUDBURY						MONTH - MAR 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	3	2	-	2	1	2	2	2	2	2	2	2	2	2	2	0	
2	0	1	1	1	1	0	0	0	1	1	1	1	1	2	2	2	2	1	1	0	1	1	1	0	1
3	0	0	1	0	0	1	1	2	2	3	2	2	2	2	4	3	4	3	3	3	3	2	2	1	2
4	2	2	1	1	1	2	3	10	10	7	4	2	2	2	2	4	4	3	3	3	3	2	2	2	3
5	1	1	1	1	1	2	2	4	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	-	-	-	-	-	-	-	-	-	3	2	2	2	2	2	2	2	2	3	3	1	1	1	3	*****
9	3	6	13	10	8	6	5	6	8	9	8	4	-	-	-	-	-	-	-	-	-	-	-	-	*****
10	1	1	1	0	1	2	2	2	2	2	-	2	2	2	2	1	2	1	1	1	1	1	1	2	1
11	1	1	1	1	1	1	1	1	1	3	3	2	1	2	2	3	4	6	9	5	5	3	2	3	3
12	5	4	2	1	1	1	3	4	4	-	3	2	3	3	3	3	3	3	3	3	1	2	1	1	3
13	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	9	25	2
14	11	17	8	4	5	4	6	7	5	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	4
15	1	1	1	1	1	1	1	1	1	1	-	0	0	0	0	0	3	3	4	4	3	6	6	4	2
16	3	2	2	1	1	1	2	2	4	4	2	2	2	2	2	1	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	1	-	0	1	1	1	1	1	2	4	3	2	2	3	3	1
18	1	2	6	8	7	5	4	5	7	7	4	3	2	2	4	4	6	5	5	4	5	4	3	3	4
19	3	2	2	3	3	3	5	8	7	-	5	4	3	7	7	6	6	6	5	5	7	12	11	8	6
20	8	7	7	7	10	4	3	3	3	3	2	2	2	3	3	3	4	3	3	2	2	2	2	2	4
21	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	0	1	4	4	2	1	2	2	1	1	2	2	2	2	2	2	1	2	3	3	2
23	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
24	1	1	1	1	1	2	2	3	3	-	2	2	1	3	3	3	3	4	3	3	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
26	2	2	2	2	2	2	3	2	2	-	3	4	4	4	3	4	6	5	8	9	7	5	6	4	4
27	3	3	3	2	2	2	2	4	4	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	2
28	1	1	1	1	2	2	2	1	1	1	1	1	0	2	3	3	2	3	4	8	15	17	23	13	5
29	5	3	3	1	2	3	3	4	4	4	4	3	4	3	3	3	5	6	7	6	4	4	4	4	4
30	2	2	1	2	2	2	4	3	4	4	3	4	3	3	5	10	12	5	4	3	3	4	3	4	4
31	2	2	2	2	2	2	2	4	4	4	2	2	2	2	2	3	4	3	5	6	6	5	6	5	3
MEAN	2	3	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	3	3	3	4	4	4	2.7

PERCENTAGE OF DATA VALID - 87.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 12.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - NE NO 77016												ASH ST WATER TANK, SUDBURY													
												MONTH - APR 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	1	0	1	2	1	1	2	1	4	5	6	5	4	4	4	3	2	2	3	3
2	2	2	2	2	2	2	2	2	2	-	-	-	1	2	2	2	2	2	2	2	3	3	2	2	2
3	2	2	2	1	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
4	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	1	1	2	1	1
5	0	0	0	0	0	0	0	1	2	2	-	1	0	0	1	2	2	2	2	2	2	1	1	2	1
6	2	2	1	0	1	0	1	0	0	0	0	0	1	1	1	1	2	2	2	2	2	3	2	1	1
7	2	1	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	2	3	3	1
9	3	3	4	4	4	7	9	8	4	2	0	1	1	1	1	2	2	2	2	2	2	2	2	3	3
10	5	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	2	2	2	1	1	1	1	1
13	0	0	0	0	0	0	1	2	1	1	1	2	0	1	1	2	1	1	1	2	1	1	1	1	1
14	1	1	1	1	1	1	3	8	3	4	1	0	1	1	2	3	4	4	5	6	5	4	4	4	3
15	4	3	3	3	3	4	4	5	4	4	4	-	-	-	-	3	3	3	3	4	3	4	4	4	4
16	5	5	9	6	3	2	3	3	3	3	3	3	3	3	3	4	4	4	3	5	7	6	6	6	4
17	3	3	3	2	2	2	3	3	3	4	5	4	2	3	3	4	4	4	5	6	6	5	6	6	4
18	5	4	4	4	5	4	6	7	5	4	4	4	4	5	5	6	6	8	7	8	8	6	6	7	6
19	6	6	5	5	5	5	5	5	4	4	4	4	3	3	4	4	4	4	4	3	3	3	3	3	4
20	2	2	1	1	1	1	1	1	1	1	1	-	0	0	1	2	2	3	1	1	1	1	3	3	1
21	1	1	0	0	0	0	2	2	2	3	2	2	2	2	3	4	6	5	5	5	3	3	3	4	3
22	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	2	2	2	1	1	2	1	2
23	1	1	1	1	0	0	0	0	0	0	-	-	0	1	1	1	1	1	2	2	2	3	3	3	1
24	4	5	4	4	5	4	3	3	3	3	3	3	2	2	2	2	3	2	3	3	3	2	2	2	3
25	3	3	2	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
26	1	0	1	1	1	1	1	1	1	1	-	1	1	0	0	0	-	0	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1
28	2	1	2	2	2	2	1	1	2	1	1	2	3	2	1	1	0	1	1	2	2	2	2	1	2
29	2	1	1	2	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	4	3	9	5	3	2
30	3	2	2	2	3	2	5	7	3	1	1	1	3	2	2	2	2	2	2	2	1	1	1	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	3	2	2	3	2	2.0

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	2	2	1	1	1	3	2	2	2	2	1	2	2	3	3	3	3	3	3	3	4	2
2	3	3	3	3	3	3	3	3	2	3	2	2	4	4	4	5	4	5	4	4	4	4	3	2	3
3	1	2	1	2	-	-	-	-	-	1	1	1	2	2	2	3	4	2	2	2	2	2	1	1	2
4	2	3	2	1	1	2	2	2	1	1	1	1	3	3	3	3	2	3	3	4	4	4	4	3	2
5	3	3	3	3	3	3	4	3	3	3	3	3	5	3	4	4	4	3	2	3	2	3	2	2	3
6	3	2	1	2	2	3	5	3	3	2	2	2	3	3	2	2	3	3	3	3	3	3	3	4	3
7	4	3	3	3	3	3	2	2	3	3	-	1	0	1	2	2	3	3	3	1	1	1	2	1	2
8	3	2	3	3	2	2	3	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	2
9	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	2	1	2	2	3	2	3	3	3
10	3	2	2	2	2	5	5	5	-	-	1	1	1	1	1	1	1	1	0	1	1	3	1	0	2
11	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	0	1
12	1	1	1	2	1	2	1	1	1	1	-	1	1	1	1	1	2	1	2	3	4	4	3	2	2
13	2	2	2	2	3	3	4	4	2	2	2	2	2	3	5	5	4	4	4	6	6	6	7	6	4
14	6	5	6	5	5	7	8	9	6	-	-	-	2	3	3	3	3	3	4	4	4	3	4	5	8
15	7	8	6	5	5	5	6	5	6	5	5	5	6	5	6	7	7	8	9	13	16	19	11	18	8
16	29	21	16	11	10	8	9	8	8	7	7	8	8	8	9	8	8	9	8	8	8	9	7	7	10
17	7	7	7	7	7	7	6	6	5	2	1	1	1	-	0	0	1	1	2	1	1	1	0	0	3
18	0	0	0	-	1	1	0	0	1	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0
19	1	0	0	0	0	1	0	0	-	0	0	1	1	1	1	1	0	0	0	0	1	0	1	-	0
20	1	0	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	2	2	3	2	1	2	1
21	2	2	2	1	1	1	1	1	-	0	1	1	1	0	1	1	0	1	0	0	1	0	1	0	1
22	0	0	1	1	1	1	1	1	1	0	1	1	0	1	0	1	0	1	1	-	-	-	-	-	1
23	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	-	0	-	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	0	0	-	0	0	-	0	1	1	0	0	0	0	0	0	0	0	0	0
26	0	-	0	0	0	0	1	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	1	0	0	3	2	2	0	0	0	0	0	0	0	0	0	0	0	1	-	3	1	1	1
29	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	1	2	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	-	0	0	1	0	0
31	0	-	0	0	0	0	1	1	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	3	2	2	2	2	3	2	2	2	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2.1

PERCENTAGE OF DATA VALID - 92.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 7.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	-	-	0	0	-	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	-	0	-	0	0	0	-	-	0	0	0	-	-	0	0	0
3	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
4	-	0	0	0	0	-	1	1	-	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
6	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
7	0	0	0	0	0	0	-	0	-	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	0	0	0	0	0
9	0	0	0	0	0	0	0	1	0	0	0	0	0	-	0	0	0	0	-	0	0	0	0	0	0
10	0	0	-	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0	0	0	0	1	1	1	-	0
13	0	0	-	-	-	0	0	0	0	-	0	-	0	0	0	0	0	0	0	-	-	1	0	-	0
14	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	-	0	-	-	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	-	0	0	-	0	0	0	0	0	0	1	1	0	1	1	1	0	1	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	1	3	2	2	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1
22	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
24	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
30	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 92.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 7.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY												MONTH - JUL 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
5	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	1	2	2	0	0	0	-	-	0	0	1	1	0	0	1	1	1	1	1	1
7	0	1	1	1	1	1	3	5	2	1	1	1	2	2	1	1	1	1	1	1	1	1	0	0	1
8	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	2	1	0
9	1	1	1	1	1	1	1	1	1	1	1	-	1	0	0	1	0	0	0	1	1	1	1	1	1
10	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
11	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	1	0
14	1	1	1	1	1	1	2	2	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	*****
15	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	2	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	2	1	0
22	2	1	1	0	1	8	7	3	2	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1
23	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	1	-	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	4	3	1	1
29	2	1	0	0	0	1	3	2	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1
30	0	0	0	0	0	1	2	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.4

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	1	0
4	1	0	1	1	1	1	1	1	0	1	-	-	0	0	0	1	0	0	1	1	0	0	1	1	1
5	0	0	0	1	0	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	0	0	0	1	2	1	1	1	1
7	2	2	1	1	1	2	1	2	2	1	0	0	0	0	0	0	0	0	1	2	3	1	4	2	1
8	7	7	5	3	1	2	2	1	1	1	1	1	2	1	1	1	1	1	2	3	6	4	6	6	3
9	5	7	3	2	2	3	4	5	3	2	1	1	-	1	1	1	1	1	2	3	2	2	2	1	2
10	1	1	1	1	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1
11	0	0	0	0	0	2	2	2	2	-	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
12	2	3	1	1	1	3	3	4	3	3	3	2	2	2	2	2	1	1	1	1	1	2	2	2	2
13	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	1	1	0	0
17	1	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	0
18	3	2	1	1	2	3	7	6	-	3	2	1	1	0	0	0	0	0	0	1	1	1	1	2	2
19	1	1	1	0	1	2	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
20	1	0	0	0	1	2	4	3	-	2	2	2	1	1	1	1	1	0	1	2	2	2	2	2	1
21	2	2	2	2	1	2	3	3	2	2	2	2	2	2	1	1	1	0	1	2	1	1	1	1	2
22	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	2	2	2	2	2	1
24	2	2	1	2	2	3	4	4	2	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	1	1	1	2	1	2	2	1
26	1	1	1	1	1	3	4	5	3	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1
27	1	1	1	1	1	2	3	2	-	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
28	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
30	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
31	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	0	0	0	0
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	1	1	0	1	0	1	0	0	-	0	0	0	0	1	1	0	1	0	0
2	1	0	1	1	0	0	-	2	1	1	0	0	0	0	1	0	1	1	1	1	2	1	1	1	1
3	1	1	1	2	1	2	3	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
7	1	1	-	-	0	2	8	3	0	0	0	1	0	0	0	0	0	0	0	1	2	2	2	4	1
8	3	3	2	1	1	4	5	6	8	3	1	1	0	0	0	0	1	1	1	1	1	1	2	2	2
9	2	1	0	0	0	2	8	7	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	3	3	3	3	2	1	1
12	0	0	3	2	1	1	3	2	0	1	3	1	0	0	0	0	0	0	1	1	1	1	3	3	1
13	2	1	1	1	1	1	2	2	1	1	0	0	1	1	0	1	1	1	1	1	1	2	2	2	1
14	1	1	1	1	1	2	3	2	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
16	0	0	0	0	1	1	1	2	2	0	1	0	0	0	1	0	0	0	1	2	4	4	3	3	1
17	3	3	2	2	1	1	1	1	1	0	1	1	1	0	0	1	1	1	2	6	5	5	3	3	2
18	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
19	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	1	1	2	3	5	9	5	1
21	6	5	4	2	3	2	5	8	6	3	1	1	1	1	1	1	3	1	0	0	1	1	0	0	2
22	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
23	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	1
25	1	1	1	1	3	2	2	2	2	2	2	3	2	3	2	3	3	5	8	10	5	10	14	14	4
26	10	7	4	5	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	2	3
27	1	1	1	1	1	2	2	2	2	2	-	1	0	0	0	0	0	0	1	0	0	0	1	1	1
28	0	1	1	1	1	1	2	2	2	3	2	1	-	0	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	2	0	-	0	1	1	1	1	1	1	1	1	1	1
30	2	3	1	1	1	3	8	11	6	3	2	2	1	1	1	1	1	1	3	3	2	1	2	1	3
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	1	1	1	1	1	1	2	2	2	1.1

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.9

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	4	4	8	11	9	5	1	1	1	1	1	1	1	1	2	3	3	2	2	3	3	3
2	3	6	10	8	7	5	5	5	4	3	4	3	1	1	1	1	1	2	2	2	2	2	2	1	3
3	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	5	5	5	4	3	2	2
4	1	1	1	1	2	6	14	15	6	4	1	1	1	1	1	3	3	3	5	4	4	3	2	2	4
5	2	2	2	1	3	4	4	4	3	2	2	1	1	1	2	2	2	2	2	2	1	1	2	1	2
6	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1
7	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	2	2	3	2	2	1	1	1	-	2	4	3	4	9	12	14	9	12	8	4
9	7	4	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0
11	1	1	1	2	4	13	7	7	7	2	2	1	1	1	1	1	1	1	5	5	4	4	4	2	3
12	1	1	1	1	1	1	3	3	2	2	2	2	2	1	1	1	1	1	2	2	1	2	3	3	2
13	2	2	1	1	1	1	2	3	1	1	0	0	1	1	1	1	1	1	2	2	1	1	0	0	1
14	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	0	1
15	1	1	0	1	1	1	4	4	2	1	-	-	2	2	2	2	2	2	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	3	3	4	4	6	1
19	5	3	2	2	3	3	5	6	5	4	4	3	4	4	4	4	5	3	3	4	3	3	3	2	4
20	2	2	2	2	2	3	4	5	3	2	2	2	2	2	3	3	3	4	2	1	2	2	1	1	2
21	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0
22	0	0	0	0	0	0	1	2	1	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	10	13	15	13	3
24	7	9	8	5	3	2	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	3
25	1	1	1	1	1	2	4	7	10	5	4	2	2	2	2	2	2	1	1	2	1	1	0	0	2
26	0	0	0	0	0	0	2	2	2	2	1	0	0	0	0	2	2	2	1	1	0	0	0	0	1
27	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
28	1	1	1	0	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	3	3	2	3	2	2	2
30	1	1	2	2	2	2	2	2	2	3	3	3	4	2	3	3	3	3	3	2	1	1	1	1	2
31	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
MEAN	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - NE NO 77016					ASH ST WATER TANK, SUDBURY							MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	2	9	16	25	20	24	25	5
2	23	7	5	3	3	3	2	5	6	6	-	3	3	2	3	3	3	3	2	1	1	1	7	3	4
3	2	1	1	2	2	2	2	8	4	3	2	1	1	3	3	3	8	10	5	3	3	3	3	3	3
4	3	1	1	1	0	1	1	2	4	3	2	1	2	2	2	2	2	2	2	2	2	1	1	1	2
5	1	1	0	0	0	1	0	0	0	2	0	2	0	1	1	1	1	1	1	3	3	1	1	1	1
6	1	1	1	1	1	1	1	1	1	2	2	2	2	0	0	0	1	-	0	0	1	0	0	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	0	1	2	2	3	4	4	5	1
9	4	3	3	3	2	2	2	3	4	3	2	3	2	3	4	4	4	5	6	6	4	3	3	2	3
10	2	1	1	1	1	0	1	1	1	1	1	-	0	0	0	0	0	1	0	2	2	1	1	1	1
11	1	0	0	0	0	0	1	2	2	1	1	0	0	1	2	2	2	2	1	0	0	0	0	0	1
12	0	0	0	0	0	0	0	1	1	0	0	-	1	1	1	1	1	2	1	2	1	0	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1
15	1	1	1	1	1	1	2	4	6	3	3	2	2	2	2	2	3	3	2	2	1	1	2	1	2
16	1	1	1	1	1	1	2	4	4	3	2	2	2	2	2	2	3	2	2	1	2	1	2	2	2
17	2	2	2	2	2	2	3	5	5	2	2	2	3	3	3	3	3	4	3	2	3	2	0	1	3
18	1	1	1	1	0	1	1	1	1	0	1	0	0	0	1	2	2	3	2	2	1	1	1	1	1
19	1	1	1	1	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
24	0	0	0	0	0	0	2	6	5	3	-	-	2	4	2	4	4	3	2	2	1	1	1	4	2
25	4	3	3	2	3	9	11	5	7	5	4	3	3	3	3	3	5	3	2	3	3	3	4	4	4
26	4	3	3	3	3	3	4	6	8	13	13	-	13	6	5	4	3	2	2	2	2	2	2	2	5
27	2	1	1	1	1	1	1	1	2	2	2	2	0	0	1	3	1	0	1	1	2	0	1	1	1
28	1	1	1	2	2	3	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1
29	1	0	1	1	1	1	1	3	5	2	2	-	2	2	1	2	3	3	2	2	3	3	12	6	3
30	11	22	16	13	7	4	3	7	9	5	1	1	2	1	1	2	4	6	7	4	2	2	3	3	6
MEAN	2	2	2	1	1	1	2	2	3	2	2	1	1	1	1	2	2	2	2	2	2	3	2	1.8	

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	1	0	2	3	3	2	2	1	-	2	2	2	2	2	1	1	1	0	0	0	1
2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	3	1	0	1	0	0	0	0	0
3	1	2	1	1	1	1	2	2	10	9	5	2	3	4	5	6	9	10	23	8	8	12	11	6	6
4	3	3	2	1	1	1	1	1	1	2	2	2	3	2	4	5	7	5	3	3	5	3	3	3	3
5	3	4	5	3	5	5	2	1	1	0	0	0	0	0	0	1	2	4	4	4	9	25	22	17	5
6	19	14	4	2	2	2	2	4	4	3	2	-	4	6	6	6	7	10	8	4	4	4	3	3	5
7	3	2	1	1	1	1	1	1	1	1	-	-	-	-	1	2	5	3	-	3	3	5	8	2	
8	21	12	8	5	7	7	6	8	11	10	-	-	-	14	20	11	11	9	3	1	1	1	1	1	8
9	1	1	1	0	1	1	3	4	14	26	18	7	4	5	5	7	7	8	5	4	4	3	3	2	6
10	2	1	1	1	1	1	3	3	7	9	8	12	7	4	2	3	3	3	1	0	0	0	0	1	3
11	1	1	1	0	1	0	1	1	2	2	4	5	4	5	6	2	2	2	2	1	1	1	1	1	2
12	2	2	2	2	0	0	1	1	1	0	1	0	1	1	1	2	1	0	0	0	0	0	0	0	1
13	0	0	0	0	1	1	2	2	2	-	1	1	1	2	2	3	5	6	6	4	9	5	5	4	3
14	4	4	5	3	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	0	0	2	1	1	2	2	2	-	2	2	1	2	4	6	7	4	3	3	3	3	3	2
16	3	3	3	2	1	1	2	3	5	4	3	3	3	2	5	4	6	7	9	8	9	9	7	6	5
17	5	4	3	3	3	3	4	6	5	3	3	-	2	2	1	1	2	1	0	1	1	1	1	1	2
18	2	2	2	2	2	2	2	2	2	2	2	4	5	5	5	4	6	5	5	3	3	3	4	3	3
19	3	3	3	2	3	2	2	3	4	4	4	4	5	4	5	6	5	3	3	3	3	3	3	3	3
20	1	1	1	1	1	1	1	2	2	1	0	1	2	2	1	1	2	2	2	1	1	1	1	1	1
21	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	2	2	2	2	3	1	1
22	2	2	3	5	5	3	3	4	6	5	4	5	6	5	6	8	9	10	17	28	23	11	7	5	8
23	4	3	2	2	2	2	2	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	3	3	3	3	3	3	7	7	5	6	-	7	6	8	9	3	3	3	3	3	3	4	4	4	4
25	5	5	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	3	5	6	6	4	6	3	3
26	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	3	2	2	2	3	4	6	8	12	9	14	9	6	5	3	3	4
28	3	2	1	1	1	1	2	3	3	2	2	3	2	2	3	3	3	2	2	2	2	1	1	3	2
29	3	1	1	2	1	1	2	3	4	2	2	2	2	2	2	4	5	3	2	2	3	4	2	2	2
30	2	2	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	2	3	-	-	0	0	0	2	2	1	0	1	0	0	0	0	1
MEAN	3	3	2	2	2	2	2	3	4	4	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3.1

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	3.6	12	51
FEB	29	2.8	6	16
MAR	26	2.7	6	25
APR	30	2.0	6	9
MAY	30	2.1	10	29
JUN	30	0.1	1	3
JUL	30	0.4	1	8
AUG	31	0.9	3	7
SEP	29	1.1	4	14
OCT	31	1.6	4	15
NOV	30	1.8	6	25
DEC	31	3.1	8	28
YEAR	356	1.8	12	51

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	592	70	35	7	4	0	1	709
FEB	614	65	11	0	0	0	0	690
MAR	588	53	9	2	0	0	0	652
APR	675	32	0	0	0	0	0	707
MAY	632	50	7	2	0	0	0	691
JUN	668	0	0	0	0	0	0	668
JUL	723	2	0	0	0	0	0	725
AUG	724	8	0	0	0	0	0	732
SEP	679	17	3	0	0	0	0	699
OCT	706	24	10	0	0	0	0	740
NOV	672	23	10	5	0	0	0	710
DEC	631	71	18	7	0	0	0	727
YEAR	7904	415	103	23	4	0	1	8450

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALIO	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.2	0	0.0	0.0	0.7	1.6	3.8	5.8	8.8	12.7	51	1.8

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 12008										467 UNIVERSITY AV WEST F2 WINDSOR										MONTH - JAN 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN						
1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1						
2	1	1	1	1	1	1	1	1	1	****	2	3	4	4	3	5	4	3	4	4	3	3	2	1	2						
3	1	2	1	1	1	1	1	1	4	3	3	3	4	3	2	3	3	2	1	3	2	2	2	2	2						
4	1	2	3	3	1	1	1	1	3	3	2	1	3	3	4	3	2	2	2	2	2	2	2	2	2						
5	2	6	6	5	7	10	9	10	16	11	9	5	4	2	4	5	7	6	3	2	2	2	3	5	6						
6	4	5	4	4	4	2	3	4	4	****	3	3	3	2	2	3	3	2	2	1	1	1	2	2	3						
7	3	4	3	3	3	4	5	5	7	10	9	3	2	3	3	2	3	3	2	2	3	5	6	5	4						
8	1	1	1	1	1	1	2	4	7	8	7	5	5	5	****	4	4	****	****	****	5	5	****	****	4						
9	****	3	4	4	****	****	2	4	****	7	****	****	****	6	6	****	8	7	5	5	4	4	4	4	5						
10	3	4	4	6	5	5	7	6	8	6	5	7	6	3	2	2	2	2	3	3	2	2	2	3	4						
11	3	3	2	3	2	3	2	2	2	2	2	3	4	4	5	2	2	2	1	2	2	2	1	1	2						
12	3	2	3	2	2	3	6	7	8	9	7	2	2	3	4	3	2	1	1	2	1	1	2	1	3						
13	2	2	2	2	3	3	3	5	6	****	5	6	7	7	7	6	5	5	6	5	4	2	1	0	4						
14	1	1	1	1	2	2	2	3	3	2	3	3	3	3	4	2	****	5	3	5	5	4	5	6	3						
15	8	4	2	1	1	1	4	5	10	****	7	3	3	5	3	3	4	5	2	2	1	1	1	1	3						
16	1	1	1	1	1	1	3	4	8	5	****	3	3	3	2	3	3	4	3	2	1	1	1	1	2						
17	1	1	1	1	1	1	1	1	2	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	****						
18	4	3	3	2	2	3	6	11	****	****	****	****	****	****	****	****	****	****	6	8	4	4	3	3	****						
19	4	2	1	1	1	1	1	1	2	****	2	2	2	2	2	3	4	4	3	2	3	8	4	3	3						
20	3	5	5	4	4	4	6	9	9	9	9	7	4	4	3	4	6	6	5	5	5	5	4	4	5						
21	3	2	2	2	1	2	2	3	5	****	6	5	4	4	3	4	4	3	3	3	1	2	2	2	3						
22	3	3	2	1	1	1	1	2	5	4	4	4	5	5	4	5	7	8	8	9	7	6	6	6	4						
23	5	7	4	4	4	5	3	3	3	4	4	3	4	4	****	4	3	4	3	2	2	1	2	2	3						
24	2	2	2	1	2	2	2	2	2	3	4	5	9	11	15	14	10	12	14	8	6	8	7	7	6						
25	6	6	5	4	4	4	3	3	3	6	4	3	2	2	1	1	1	1	2	2	3	3	3	2	3						
26	1	1	1	2	6	6	6	5	8	5	****	4	4	4	4	5	6	5	2	2	2	1	1	1	4						
27	2	1	2	2	2	1	2	4	6	5	6	4	3	3	4	4	5	4	4	3	3	5	6	3	4						
28	3	4	5	3	2	2	3	2	3	3	4	2	1	1	2	4	4	3	1	1	2	3	3	2	3						
29	3	1	3	3	3	2	1	1	2	****	2	2	2	2	2	3	2	2	2	2	3	2	4	2	3						
30	2	1	1	1	1	1	2	2	2	2	2	2	3	3	2	4	3	2	2	1	1	7	8	8	3						
31	5	3	2	1	1	1	1	2	4	3	3	2	3	2	2	1	1	1	2	1	1	1	1	1	2						
MEAN	3	3	3	2	2	3	3	4	5	5	4	3	4	4	4	4	4	4	3	3	3	3	3	3	3.3						

PERCENTAGE OF DATA VALID - 93.7

PERCENTAGE OF DATA INVALID - 4.7

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 12008					467 UNIVERSITY AV WEST F2 WINDSOR										MONTH - FEB 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	1	1	1	0	0	0	0	0	0	0	1	
2	0	0	0	0	1	1	1	6	7	6	8	8	6	5	4	5	4	4	3	4	6	6	4	3	4	
3	3	4	3	7	3	5	6	7	10	11	11	4	3	4	3	4	3	3	3	2	3	1	2	5		
4	4	7	4	4	4	5	6	3	3	***	3	2	3	3	3	2	3	4	2	2	2	3	3	5	3	
5	2	1	1	1	1	2	3	2	3	3	2	2	2	2	2	2	3	2	2	2	3	2	3	2	2	
6	2	2	2	2	2	3	4	6	7	7	6	6	4	4	***	2	***	2	2	2	2	3	2	3	2	
7	4	4	2	2	1	1	2	4	4	4	3	4	3	3	1	1	0	0	0	1	1	1	2	1	2	
8	2	3	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	
9	1	1	2	3	3	4	11	14	11	***	3	2	2	3	2	1	1	1	1	1	0	0	1	0	3	
10	0	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	5	4	3	1	1	2	
11	1	1	1	1	0	1	1	2	6	3	6	2	2	2	2	2	2	2	2	2	2	1	1	2	2	
12	3	3	2	1	1	1	1	1	2	2	3	3	3	3	2	2	3	2	2	3	1	2	2	2	2	
13	2	2	2	2	5	6	11	12	14	11	3	3	2	2	***	2	3	2	2	3	1	1	1	2	4	
14	3	2	2	1	1	2	10	17	28	9	2	1	1	1	0	0	1	1	1	2	1	1	1	1	4	
15	2	2	2	1	1	1	1	0	1	1	2	2	2	2	2	1	1	1	1	3	4	1	1	1	2	
16	1	1	2	2	1	2	3	13	18	13	8	3	3	5	3	***	3	2	1	1	1	1	2	4	4	
17	3	4	6	4	1	0	1	4	6	***	***	4	3	3	4	2	3	2	3	3	1	1	1	1	3	
18	1	1	1	1	1	1	1	3	4	4	3	2	2	2	1	2	3	3	2	1	1	1	1	2	2	
19	2	3	3	4	4	3	5	5	7	6	8	6	5	4	4	3	3	2	2	2	2	2	2	4	4	
20	5	3	2	3	1	3	8	14	17	****	10	4	3	2	2	3	3	2	4	4	3	4	2	2	5	
21	3	3	1	1	1	1	1	2	3	2	2	5	8	15	21	19	5	24	17	8	3	3	1	2	6	
22	2	1	1	1	1	0	0	1	1	1	1	1	2	2	2	2	2	2	1	2	1	1	1	1	1	
23	0	1	1	0	0	1	2	5	11	10	11	10	4	2	2	2	2	1	1	2	1	2	1	1	3	
24	2	3	4	4	4	4	5	4	4	3	4	5	5	5	3	3	3	4	10	6	4	8	4	4	4	
25	2	2	2	1	1	1	2	3	4	3	2	3	3	1	1	1	2	1	1	1	1	1	2	3	2	
26	4	2	2	2	3	1	3	6	8	8	***	3	2	2	2	1	2	2	2	2	1	1	2	3	3	
27	2	4	5	4	4	5	13	19	19	24	10	4	2	***	2	2	2	2	3	2	1	1	1	1	6	
28	1	1	1	1	1	1	1	1	2	1	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	
29	1	2	2	1	1	2	2	1	2	4	6	4	3	3	2	2	2	2	2	2	1	1	1	1	2	
MEAN	2	2	2	2	2	2	4	5	7	6	5	3	3	3	3	3	2	3	3	2	2	2	2	2	2.9	

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 12008															467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - MAR 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN																
1	1	1	1	1	1	1	1	2	3	3	4	4	4	3	3	4	4	4	2	1	1	1	1	1	2																
2	1	1	1	1	1	1	1	2	2	***	***	2	2	2	2	2	2	2	1	1	1	1	1	1	1																
3	1	1	1	1	1	1	2	3	7	7	10	14	20	26	28	29	38	37	30	31	20	28	14	5	15																
4	3	2	1	1	1	1	1	3	3	3	***	2	3	4	4	5	7	9	9	12	10	15	18	2	5																
5	1	1	1	3	3	2	1	2	1	2	2	2	2	3	2	3	2	1	1	1	1	1	1	1	2																
6	1	1	1	1	1	0	0	1	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1																
7	1	1	0	0	0	0	0	1	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1																
8	1	0	1	1	1	1	1	3	5	3	2	3	3	2	3	2	2	2	2	2	2	2	2	2	2																
9	1	1	1	1	1	0	0	1	2	2	1	2	2	1	2	1	1	1	1	2	2	2	2	4	2																
10	4	6	7	3	1	2	2	4	6	5	5	4	5	7	4	4	3	2	2	2	2	2	3	1	4																
11	1	1	1	0	1	1	3	7	5	4	2	2	2	3	2	2	2	1	2	1	0	1	0	0	2																
12	1	1	1	1	1	1	1	2	3	4	3	3	2	2	2	1	1	1	1	1	1	2	3	1	2																
13	2	1	1	1	1	1	0	1	2	2	1	2	2	2	2	2	2	1	2	4	7	6	1	2	2																
14	1	1	0	0	0	0	0	0	2	3	2	2	2	2	2	1	1	1	1	1	1	1	6	2	1																
15	1	1	1	0	0	0	0	1	3	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1																
16	1	0	0	0	0	0	2	5	8	9	5	2	2	1	2	2	2	2	2	2	1	1	1	1	2																
17	1	1	1	0	0	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2																
18	4	1	1	1	1	0	1	1	1	1	1	2	4	3	4	3	2	2	2	2	2	2	1	2	2																
19	2	2	1	1	2	3	2	2	2	***	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1																
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																
21	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																
22	1	1	0	0	0	0	1	3	4	***	3	4	3	1	1	2	2	1	1	1	2	1	2	3	2																
23	5	3	2	2	3	6	10	8	4	2	2	1	2	1	2	1	1	2	1	1	1	1	1	1	3																
24	1	1	1	1	1	1	1	2	3	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1																
25	1	1	1	2	1	7	5	5	3	***	***	2	2	1	1	2	2	2	3	12	21	15	14	4	5																
26	2	1	1	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2																
27	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	2	3	2	2	1	1																
28	1	2	2	2	1	1	1	1	1	1	1	2	1	2	1	2	1	1	1	1	1	1	1	1	1																
29	1	1	1	1	1	1	1	1	2	***	2	3	3	2	4	3	6	2	2	3	3	3	3	3	2																
30	2	2	1	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1																
31	1	1	1	1	2	1	1	2	2	2	2	1	2	3	4	4	4	3	3	3	6	9	9	2	3																
MEAN	2	1	1	1	1	1	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	4	3	2	2.3																

PERCENTAGE OF DATA VALIO - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 12008				467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - APR 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	1	2	1	1	1	1	1	3	4	5	3	3	2	2	1	2	2	2	1	2	2	1	1	1	2				
2	1	1	1	0	1	1	2	4	3	***	***	3	3	3	3	4	4	3	4	6	4	5	4	8	3				
3	6	6	5	9	4	3	5	3	3	3	***	***	2	2	1	1	1	1	1	1	2	1	1	1	3				
4	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	6	1				
5	4	4	2	2	3	6	9	11	11	5	3	2	2	2	2	2	4	2	1	1	2	4	5	6	4				
6	7	16	9	1	1	1	2	3	8	***	3	2	2	2	2	2	2	2	2	1	1	2	2	3	3				
7	4	7	4	15	21	19	10	12	7	4	3	2	3	2	2	2	3	2	2	2	2	2	2	2	6				
8	1	1	1	1	1	1	4	4	3	2	2	2	***	3	3	3	3	2	2	2	2	3	3	2	2				
9	2	1	1	1	1	2	5	5	5	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3					
10	3	2	2	3	6	9	7	6	10	9	3	2	2	1	1	3	5	4	5	6	7	8	6	5	5				
11	7	6	7	5	6	5	7	7	7	7	7	7	-	-	-	-	-	-	-	-	-	-	-	-	***				
12	-	-	-	-	-	-	-	-	-	-	-	-	2	2	***	3	2	2	1	2	4	12	13	8	*****				
13	4	8	5	5	4	6	8	13	14	6	3	2	3	2	2	2	2	1	1	2	3	4	4	4	5				
14	4	4	4	8	6	9	8	8	7	7	6	3	2	1	1	1	1	1	1	1	2	1	1	1	4				
15	1	1	1	1	1	2	3	4	4	3	***	2	2	2	1	1	2	1	2	2	1	1	2	1	2				
16	1	2	3	4	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2				
17	2	1	2	2	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
18	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	3	1				
19	1	1	2	2	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
20	1	1	1	1	1	1	2	2	2	***	***	3	3	2	2	2	3	3	2	2	2	2	2	1	2				
21	1	1	1	0	0	1	1	2	4	3	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1				
22	1	1	1	1	1	1	3	2	***	***	2	2	2	2	1	1	1	3	4	3	1	3	2	1	2				
23	1	1	1	1	1	1	3	5	4	3	4	3	3	2	1	2	1	1	1	1	1	1	1	1	2				
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1				
25	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
26	0	0	0	0	0	1	2	3	2	2	3	3	3	3	3	3	3	2	2	2	1	2	2	1	2				
27	1	1	1	1	1	1	3	4	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2				
28	1	1	1	1	1	3	7	11	***	4	3	2	2	2	3	3	2	2	2	2	8	11	4	4	3				
29	4	5	2	2	1	4	8	10	7	4	3	2	2	1	1	2	1	1	1	1	2	9	6	3	3				
30	2	6	10	11	14	22	19	14	8	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	5				
MEAN	2	3	3	3	3	4	4	5	5	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2.7				

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	4	6	4	4	1	2	1	1	1	2	2	1	1	1	1	1	3	5	2
2	16	14	5	2	1	2	2	3	5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3
3	2	1	1	1	1	1	3	2	2	2	2	2	3	3	4	4	1	2	1	1	1	1	1	1	2
4	1	1	1	2	4	8	12	10	***	3	2	1	1	1	2	1	1	1	1	1	1	1	1	1	3
5	1	1	1	1	1	1	1	2	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	*****
6														- DATA UNAVAILABLE -											
7														- DATA UNAVAILABLE -											
8														- DATA UNAVAILABLE -											
9														- DATA UNAVAILABLE -											
10														- DATA UNAVAILABLE -											
11														- DATA UNAVAILABLE -											
12														- DATA UNAVAILABLE -											
13	2	2	3	1	2	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	2	1	1	2	3	3	3	3	2	2	2	2	2	2	2	2	5	5	10	3	2	3
15	2	2	1	2	2	3	4	3	3	2	2	2	2	1	3	2	2	1	1	1	1	1	1	1	2
16	0	0	0	0	1	1	1	2	1	2	2	3	2	2	3	2	1	1	1	1	1	1	1	1	1
17	1	1	1	0	1	1	1	3	5	2	1	2	3	4	3	3	2	1	1	1	1	1	1	1	2
18	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	3	2	1	1	1	1	1	2	1	2
19	1	2	2	4	2	4	5	6	3	****	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2
20	1	1	1	1	2	3	6	11	9	5	4	2	1	2	1	1	1	1	1	1	1	1	1	2	3
21	1	1	1	1	1	3	6	5	2	****	2	1	2	2	2	1	2	2	2	2	1	1	1	3	2
22	2	2	2	1	8	18	14	7	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1
24														- DATA INVALID -											
25	****	****	****	****	****	****	****	****	****	****	3	2	2	2	2	3	2	2	2	1	2	2	2	2	*****
26	1	1	2	2	3	5	9	7	4	2	2	2	2	2	1	1	2	1	1	1	2	4	4	2	3
27	13	20	17	15	24	14	24	18	8	4	1	1	1	1	1	2	1	1	0	1	1	1	1	1	7
28	0	0	0	0	0	1	2	2	2	-	1	1	1	1	1	1	1	1	0	0	0	1	1	5	1
29	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	1	1	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2	1
MEAN	2	2	2	2	3	3	5	5	3	2	2	2	2	2	2	2	1	1	1	1	1	2	1	2	2.1

PERCENTAGE OF DATA VALID - 67.7

PERCENTAGE OF DATA INVALID - 8.1

PERCENTAGE OF DATA UNAVAILABLE - 24.2

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	1	3	2	2	2	2	2	2	1	1	1	1	1	0	1	1	1	1	1
2	1	2	2	----	----	----	----	----	----	----	----	----	----	1	1	1	1	1	1	1	1	1	2	2	-----
3	4	3	2	1	1	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2
4	1	1	2	2	3	6	6	2	2	2	1	0	0	1	1	1	1	1	0	0	0	0	0	1	1
5	0	0	0	1	1	1	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	3	3	1	2
6	1	1	1	1	3	12	13	7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
7	3	4	4	3	1	4	9	8	4	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2
8	1	1	1	1	1	7	9	7	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
9	1	1	1	1	1	3	10	12	8	4	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2
10	1	1	1	1	1	4	5	7	4	2	1	1	1	0	0	1	1	0	0	1	1	1	1	1	2
11	0	0	0	0	0	1	1	2	2	1	1	-	----	1	1	1	1	1	1	2	2	2	2	2	1
12	2	2	2	2	1	2	3	3	1	3	2	2	2	1	2	1	1	1	1	1	1	0	1	1	2
13	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	----	----	1	1	1	1	1	1	1	1	1	1	3	5	2	2	1
15	1	1	1	1	1	1	1	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	4	6	2	3	3	3	2	1	1	2	2	1	2	2	2	2	2	2
17	2	5	3	5	6	11	18	17	4	2	1	2	2	1	2	1	1	1	1	1	1	1	1	1	4
18	1	1	1	1	1	1	3	1	1	1	1	3	3	2	4	4	-	-	-	-	-	-	-	-	2
19														- DATA UNAVAILABLE -											
20														- DATA UNAVAILABLE -											
21	-	-	-	-	-	-	----	----	----	----	----	----	----	----	----	4	4	4	4	3	2	2	2	2	-----
22	2	2	1	2	2	1	3	3	----	3	2	1	2	2	1	1	1	1	2	2	1	1	1	2	2
23	1	1	1	1	1	1	3	4	2	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	2	2	5	2	2	2	2	2	3	4	2	2	2
25	2	5	1	1	2	1	2	3	3	2	2	2	2	1	2	2	2	2	2	1	2	2	5	2	2
26	----	1	5	6	1	1	2	1	2	2	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-----
27	5	6	6	3	2	2	2	2	3	4	2	2	1	2	1	1	1	1	1	2	1	2	2	2	2
28	0	0	0	0	0	2	2	5	4	6	5	6	5	1	2	2	2	2	1	1	1	1	1	2	2
29	1	1	1	1	1	3	3	3	3	----	2	0	2	1	1	2	2	1	1	1	1	1	1	2	2
30	1	1	1	1	1	1	1	2	2	2	1	1	2	1	1	1	1	1	1	2	5	3	4	2	2
MEAN	1	2	2	2	1	3	4	4	3	2	2	2	2	1	1	1	1	1	1	1	2	2	2	1.	1.

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

HOUR DAY	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR																								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	2	1	1	1	1	2	2	2	3	2	2	3	1	2	2	2	2	2	2	1	2	3	10	9	3
2	11	13	10	3	3	5	6	6	***	3	2	2	2	2	2	2	2	2	1	1	1	2	6	8	4
3	8	17	21	22	15	9	6	5	***	***	***	***	***	***	***	***	***	4	3	3	2	3	4	5	***
4	4	4	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2
5	2	2	2	2	1	2	3	5	5	3	2	1	2	2	1	1	1	1	1	1	1	1	2	1	2
6	2	4	5	2	1	3	7	5	3	3	2	2	2	2	3	5	2	3	4	3	2	5	8	7	4
7	7	8	7	8	6	3	4	7	***	***	2	1	1	1	1	2	2	2	3	6	6	1	1	1	4
8	1	1	1	1	1	5	6	4	2	2	2	2	2	2	1	2	1	1	1	2	1	2	3	3	2
9	2	1	1	1	4	4	9	5	3	***	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
12	1	1	1	1	1	1	2	2	2	***	2	1	1	1	1	1	1	1	1	1	1	1	1	3	1
13	2	1	1	1	1	3	6	7	4	3	2	2	1	***	1	1	1	1	1	1	2	3	10	1	2
14	1	1	1	1	2	5	8	13	4	3	2	2	1	1	1	1	1	1	1	1	7	8	6	5	3
15	6	4	1	1	1	2	2	4	3	1	***	***	1	1	1	1	1	1	2	7	7	9	10	4	3
16	4	2	1	1	1	1	1	2	***	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1
17	4	4	1	1	3	5	4	3	2	1	1	1	1	1	1	1	2	2	3	2	3	8	7	3	3
18	7	6	5	4	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	2
19	0	0	2	3	4	1	3	4	***	2	1	1	1	0	0	1	0	1	0	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	2	4	3	2	2	1	1	1	1	1	1	0	0	0	1	1	2	2	1
22	3	3	2	2	1	1	1	1	1	***	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1
23	1	1	1	1	1	1	2	2	2	***	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1
24	1	1	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
25	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1
26	1	1	1	1	1	2	2	3	2	2	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	0	0	0	0	2	4	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	1	1	2	1	1	1	1	1	0	0	1	1	1	0	0	0	1	1	0	1
29	0	0	0	1	0	0	1	2	3	1	2	***	2	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	0	1	1	2	3	2	3	2	1	1	1	1	0	0	0	1	1	1	1
31	0	0	0	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	3	1
MEAN	2	3	2	2	2	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	3	3	1.9

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - AUG 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	
2	3	1	1	1	1	4	6	5	5	2	1	1	1	1	1	1	1	1	1	1	1	3	5	4	2	
3	12	18	17	17	14	10	19	24	11	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	7	
4	1	2	2	4	4	5	12	***	7	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	
5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6	1	0	0	0	0	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
7	1	1	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	
8	2	2	1	0	0	0	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	2	3	1	
9	4	4	7	10	12	25	39	13	7	2	1	1	1	1	1	2	1	1	1	1	1	1	2	1	6	
10	2	2	2	1	4	14	30	31	13	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	5	
11	0	0	0	0	1	1	3	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	
12	1	1	1	1	1	0	1	***	***	1	2	1	1	1	1	1	1	1	0	1	1	0	1	0	1	
13	1	1	1	1	1	1	3	3	4	3	2	2	2	2	1	1	1	1	2	4	11	22	18	4	4	
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	
15	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1	
16	5	2	1	1	3	13	30	17	12	2	2	1	1	1	1	1	1	1	1	1	2	10	9	15	6	
17	20	24	30	17	16	17	19	13	9	2	1	1	1	1	1	1	1	1	1	1	2	3	4	6	8	
18	4	11	14	20	16	18	36	55	26	6	3	1	1	1	1	1	1	1	1	2	5	9	16	12	11	
19	11	9	11	9	4	10	6	***	-	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	3	
20	1	1	1	1	4	11	19	16	13	4	2	1	0	0	0	0	0	0	0	1	1	1	1	1	3	
21	0	1	0	0	0	1	6	7	3	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	
22	1	0	0	1	1	3	4	6	2	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	
23	1	0	0	0	0	3	7	8	7	3	2	1	1	1	1	1	1	0	1	1	1	1	1	1	2	
24	1	1	1	0	0	1	3	2	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	1	
25	0	1	2	2	2	2	2	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	
26	0	0	0	0	0	2	4	-	***	1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	
27	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	1	0	0	1	1	1	2	3	4	1	
29	3	2	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	2	4	1	
30	2	2	5	2	2	6	10	8	3	4	3	2	1	1	1	1	1	1	0	1	1	1	1	1	3	
31	0	0	0	1	0	1	6	5	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
MEAN	3	3	3	3	3	5	9	8	5	2	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2.5	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT															UNIT5 - 0.01 PART5/MILLION										
STATION - 5W NO 12008 467 UNIVERSITY AV WEST F2 WINO50R															MONTH - SEP 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	2	6	4	3	1	2	2	2	2	3	2	1	1	1	0	1	0	0	
2	0	0	0	0	1	4	10	10	5	1	1	1	1	1	1	1	1	0	0	1	4	1	0	1	2
3	1	0	0	1	0	2	6	6	2	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	
5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	1	3	0
6	1	1	1	1	1	4	6	7	2	2	1	1	1	1	1	0	0	0	0	0	1	2	1	1	2
7	1	1	2	3	3	2	6	13	7	3	2	1	0	-	1	1	1	1	0	0	1	2	2	4	2
8	3	1	2	1	1	3	8	12	6	3	2	1	1	1	1	1	0	0	0	0	1	3	6	5	3
9	6	7	14	7	7	5	5	8	3	****	****	1	2	2	2	2	2	2	3	2	1	1	1	1	4
10	1	1	0	0	1	1	3	4	****	****	****	****	****	3	4	5	4	3	4	5	4	3	3	2	3
11	5	3	2	1	2	2	1	1	2	2	2	2	1	1	1	1	1	2	1	2	2	3	5	7	2
12	5	3	5	8	6	3	3	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	5	5	3	3	2	1	****	1	1	1	1	1	0	0	0	0	1	0	1
14	1	1	1	1	1	2	4	8	6	4	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2
15	1	1	1	1	1	2	2	2	-	3	3	3	3	4	5	5	5	3	3	4	4	4	2	2	3
16	1	1	1	0	1	4	6	7	6	4	3	3	2	3	2	2	2	2	1	1	1	1	1	1	2
17	1	1	1	1	1	1	3	5	3	2	3	3	3	2	2	2	2	2	2	1	1	2	3	2	2
18	5	3	3	2	2	2	3	4	4	3	2	2	1	1	1	1	1	1	2	7	16	9	2	2	3
19	2	2	3	2	1	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	3	3	2	2	2	3	2	2	3	3	2	1	1	2	2	1	2	2
21	1	1	1	1	1	5	9	19	11	3	4	4	6	3	2	5	3	2	2	2	2	1	1	1	4
22	1	1	1	1	1	2	3	6	4	2	2	2	1	1	2	2	2	2	8	8	10	4	2	3	3
23	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	2	2	5	6	4	3	2	2
24	1	1	1	0	1	3	5	11	13	-	2	2	1	1	1	1	1	1	4	4	3	6	6	8	3
25	19	14	12	12	11	9	9	8	7	4	3	4	3	2	1	1	1	2	3	2	1	1	2	2	6
26	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	2	2	5	3	3	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2
28	1	1	1	1	1	2	4	8	8	6	3	3	2	2	2	2	3	2	3	7	9	10	9	12	4
29	8	7	8	3	2	6	9	11	9	6	3	2	1	2	2	1	1	1	2	5	5	3	5	7	5
30	5	4	5	5	6	14	26	40	39	19	6	1	2	2	1	2	1	2	2	3	4	5	8	7	9
MEAN	3	2	2	2	2	3	5	7	6	3	2	2	2	2	2	2	2	1	2	2	3	3	2	3	2.6

PERCENTAGE OF OATA VALIO - 98.5

PERCENTAGE OF OATA INVALIO - 1.1

PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*\*" INICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

	POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT												UNIT5 - 0.01 PART5/MILLION												
	STATION - SW NO 12008						467 UNIVERSITY AV WEST F2 WINOSOR						MONTH - OCT 76												
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	12	15	4	3	4	8	33	34	8	3	2	-	1	1	1	0	0	4	2	1	2	7	9	7
2	5	4	4	6	11	17	18	19	10	2	2	2	1	2	2	1	1	1	2	7	5	2	5	11	6
3	19	38	40	34	24	8	5	4	2	2	2	2	2	2	2	1	2	2	2	2	5	8	5	3	9
4	1	1	1	1	1	1	3	5	4	****	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1
5	0	0	0	1	3	2	6	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	0	1	1	1	1	1	8	5	4	3	3	4	3	3	2	1	1	1	1	1	2
7	1	1	1	1	0	2	6	8	8	5	3	2	2	2	3	4	3	2	2	2	1	1	1	1	3
8	1	1	0	0	1	2	5	6	****	5	5	4	4	4	4	3	4	3	3	4	5	4	4	5	3
9	4	3	2	1	1	1	1	2	3	3	3	3	3	3	2	2	2	1	2	3	4	3	6	6	3
10	5	4	2	3	2	3	2	3	3	3	3	2	2	2	2	2	2	4	3	2	1	1	1	1	2
11	1	1	1	1	1	1	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
12	1	0	0	0	0	1	1	2	1	****	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1
13	2	1	1	0	1	4	8	18	16	15	4	1	1	1	2	2	2	2	1	1	2	1	1	1	4
14	1	1	1	1	2	4	7	11	8	5	4	3	2	2	2	2	2	2	3	2	1	1	1	1	3
15	1	1	1	1	1	2	4	****	4	4	2	2	2	2	2	3	2	2	2	3	2	3	3	3	2
16	3	3	3	2	1	1	2	2	3	4	3	3	3	2	3	3	3	3	3	3	4	2	2	2	3
17	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	3	2	2	1	2	2
18	8	11	8	8	6	10	18	30	17	5	3	3	3	3	2	3	2	1	3	5	5	2	1	1	7
19	1	1	1	1	1	3	6	7	****	3	3	3	3	4	3	4	4	2	3	4	5	5	8	7	4
20	6	6	7	7	8	6	6	7	10	9	9	7	7	6	6	6	6	4	3	4	6	6	4	2	6
21	1	1	2	2	2	4	5	7	7	****	5	4	2	3	2	2	1	1	2	3	2	3	3	3	3
22	2	1	1	2	3	5	11	13	****	5	3	3	2	3	3	3	3	3	5	6	5	5	6	8	4
23	6	8	4	4	6	9	12	11	8	8	8	8	6	4	1	2	3	2	4	3	3	3	2	2	5
24	1	1	1	1	1	1	1	1	1	1	2	4	6	4	3	6	5	5	3	3	2	2	1	1	2
25	1	1	1	1	1	2	3	5	****	6	5	3	3	4	4	5	3	2	2	2	1	2	1	1	3
26	1	1	1	1	3	3	6	10	6	3	2	2	3	3	2	3	2	2	1	1	1	3	3	1	3
27	1	1	1	1	1	2	8	15	20	8	5	4	2	3	4	3	4	3	4	3	7	11	17	31	7
28	19	12	4	12	8	12	8	12	9	7	5	5	3	3	3	3	3	6	7	6	7	4	4	3	7
29	3	4	4	3	4	6	7	8	8	6	5	****	****	3	2	3	3	2	2	3	2	2	4	4	4
30	2	3	2	1	3	5	4	5	6	6	9	7	7	8	6	9	6	4	2	2	2	2	2	3	4
31	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	4	21	33	4
MEAN	4	4	4	3	3	4	6	8	7	5	4	3	3	3	2	3	2	2	3	3	3	3	4	5	3.7

PERCENTAGE OF OATA VALIO - 98.5

PERCENTAGE OF OATA INVALIO - 1.3

PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 12008															467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - NOV 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN																
1	25	21	19	16	12	11	17	29	36	31	15	7	3	3	3	3	4	4	5	9	8	13	16	17	14																
2	15	8	5	3	1	3	5	3	6	6	4	2	3	2	2	4	4	7	5	4	5	6	5	8	5																
3	4	5	4	3	2	8	7	11	13	8	5	2	2	2	3	4	8	11	7	5	8	12	24	23	8																
4	17	12	9	9	4	7	5	9	17	18	11	6	5	4	3	3	6	9	12	12	20	28	23	16	11																
5	10	16	15	13	9	6	8	10	12	11	5	****	4	3	4	4	3	4	6	6	7	5	4	3	7																
6	3	3	3	3	3	2	2	3	3	4	4	3	2	3	3	3	3	3	3	7	6	3	2	2	3																
7	3	4	4	2	1	1	1	2	1	1	2	1	2	2	2	3	2	3	4	2	1	1	1	1	2																
8	1	0	0	0	0	1	2	3	3	2	3	2	2	2	2	3	3	3	5	16	9	7	3	3	3																
9	3	3	2	1	1	2	4	4	3	4	4	3	2	5	5	6	7	12	8	12	12	5	5	3	5																
10	2	2	1	2	3	4	5	10	15	9	4	3	3	****	-	-	6	7	6	4	4	2	2	3	5																
11	2	1	1	1	1	2	5	11	14	9	5	4	3	3	3	3	3	3	4	4	4	6	7	8	4																
12	6	5	4	4	3	4	9	16	22	15	9	4	4	3	3	4	5	5	5	8	7	6	8	8	7																
13	7	5	4	4	3	3	4	5	8	5	3	3	3	2	2	2	2	3	7	7	6	6	5	7	4																
14	7	7	7	5	5	6	6	8	6	5	4	5	4	4	3	4	3	3	6	8	10	10	8	8	6																
15	8	6	6	8	9	9	10	13	19	****	****	****	****	****	****	****	6	9	14	16	12	10	7	8	10																
16	7	9	10	11	9	11	12	20	30	24	****	13	5	6	4	4	5	7	9	9	8	8	7	6	10																
17	5	4	4	4	5	4	6	6	8	5	6	5	5	4	3	3	5	4	3	3	4	6	8	8	5																
18	7	7	7	8	5	6	5	8	10	****	****	3	3	2	3	2	3	3	3	5	4	4	5	7	5																
19	5	7	10	4	4	4	4	7	8	-	4	3	3	2	3	3	5	6	8	12	14	11	7	8	6																
20	10	10	13	13	10	11	13	16	23	18	12	11	5	4	4	4	4	4	4	5	5	4	8	11	9																
21	7	9	10	8	9	10	7	4	3	3	2	2	2	2	2	1	2	2	2	1	1	1	1	1	4																
22	1	1	1	1	2	2	3	5	7	4	3	3	3	3	3	3	3	3	2	2	2	3	5	3	3																
23	4	4	4	4	4	4	5	6	7	6	5	4	3	5	4	5	7	6	4	3	2	2	3	3	4																
24	4	5	3	5	5	6	6	5	10	12	10	6	6	6	5	4	5	5	6	6	8	8	9	5	6																
25	3	3	2	2	2	3	4	5	12	6	5	5	5	5	3	3	5	4	4	5	2	1	1	2	4																
26	1	1	1	2	1	2	1	2	3	2	-	2	3	3	3	3	4	3	3	3	2	2	1	1	2																
27	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	4	3	3	3	3	3	2																
28	2	2	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	3	2	2	2	2	1	2																
29	1	1	2	2	2	2	2	3	4	5	5	3	4	4	3	4	4	4	4	4	4	4	5	5	3																
30	4	3	4	4	4	4	4	5	6	5	4	3	4	3	3	3	5	5	5	6	6	6	5	7	5																
MEAN	6	6	5	5	4	5	6	8	10	8	5	4	3	3	3	3	4	5	5	6	6	6	6	6	5.4																

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008															467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - DEC 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN															
1	5	4	2	2	2	3	3	7	7	5	3	4	5	7	6	6	6	7	8	5	4	5	6	5	5															
2	3	3	4	4	4	4	3	3	4	3	3	3	3	****	3	3	4	6	5	7	7	6	8	7	4															
3	7	10	7	5	4	8	10	14	10	****	4	2	3	2	3	3	3	4	3	3	3	4	3	3	5															
4	4	3	4	6	5	4	4	5	6	6	6	5	5	4	4	4	4	4	6	10	6	5	7	3	5															
5	4	4	4	4	3	4	4	2	4	5	9	8	4	4	3	3	6	4	4	5	4	2	2	2	4															
6	2	3	2	2	2	3	4	6	10	8	11	7	9	9	9	10	11	12	16	10	9	7	13	9	8															
7	8	6	4	3	2	1	2	3	4	4	3	3	4	4	3	4	3	4	4	5	5	4	2	2	4															
8	3	2	2	1	1	2	4	7	15	15	****	****	6	5	5	4	6	9	4	3	3	3	3	5	5															
9	8	6	6	7	9	7	8	8	5	5	6	5	4	3	3	3	4	4	3	3	2	2	2	2	5															
10	2	1	2	2	1	2	1	2	2	2	2	3	4	6	6	8	7	6	6	3	2	2	2	2	3															
11	2	1	1	1	1	1	2	4	6	6	3	3	3	4	4	4	5	6	7	7	4	2	3	5	4															
12	7	7	9	8	6	8	7	7	6	6	5	7	7	4	6	7	5	0	5	3	2	1	1	1	5															
13	1	1	1	1	1	1	2	4	5	5	4	4	3	4	3	4	7	7	3	4	3	4	2	1	3															
14	1	2	2	3	1	2	2	5	5	5	4	2	3	4	****	4	5	5	5	6	6	9	8	5	4															
15	7	5	5	5	5	8	10	16	16	21	16	13	****	5	4	5	9	17	21	24	26	17	14	10	12															
16	9	10	10	12	12	12	11	13	18	16	17	28	44	42	35	24	13	9	5	8	9	4	2	2	15															
17	3	2	2	3	1	3	5	7	8	5	4	4	3	3	4	4	5	6	3	4	3	2	2	2	4															
18	1	2	1	1	1	2	4	8	15	11	3	7	3	3	4	3	3	7	4	5	4	3	3	3	4															
19	3	4	3	5	7	6	5	5	5	5	4	4	5	8	5	4	4	8	14	11	6	6	6	5	6															
20	4	3	2	4	4	3	3	4	4	5	5	6	5	5	4	4	4	2	2	1	1	1	1	1	3															
21	1	1	1	1	1	1	2	3	4	3	3	****	4	3	3	4	5	4	4	3	3	3	4	4	3															
22	3	4	4	4	2	2	2	3	3	4	3	4	3	2	2	3	2	2	2	2	3	3	4	2	3															
23	2	3	3	3	3	3	3	4	3	3	3	3	4	3	2	2	3	3	3	3	3	3	3	2	3															
24	3	3	4	3	7	6	8	5	5	4	4	5	5	3	3	2	2	2	1	2	1	2	2	2	4															
25	2	3	2	2	2	2	2	2	4	3	3	5	5	6	5	4	3	2	2	3	2	2	4	5	3															
26	6	3	4	2	4	3	5	6	6	7	6	5	5	3	2	4	2	1	2	2	2	1	2	2	4															
27	2	1	1	1	2	2	3	8	3	2	2	2	2	1	1	2	2	2	3	5	5	3	2	3	3															
28	2	3	3	4	4	3	3	4	7	8	8	6	6	7	5	4	4	3	4	4	2	2	1	2	4															
29	2	1	1	1	1	1	2	4	5	4	4	4	3	****	4	3	4	3	4	3	3	4	6	7	3															
30	8	5	2	2	2	2	3	4	5	4	5	6	6	7	10	9	10	8	7	6	6	5	5	5	6															
31	3	3	3	3	2	4	4	5	8	7	5	3	3	3	3	3	2	2	3	3	3	3	4	5	4															
MEAN	4	4	3	3	3	4	4	6	7	6	5	5	6	6	5	5	5	5	5	5	5	4	4	4	4.7															

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	3.3	6	16
FEB	29	2.9	6	28
MAR	31	2.3	15	38
APR	28	2.7	6	22
MAY	20	2.1	7	24
JUN	25	1.8	4	18
JUL	30	1.9	4	22
AUG	31	2.5	11	55
SEP	30	2.6	9	40
OCT	31	3.7	9	40
NOV	30	5.4	14	36
DEC	31	4.7	15	44
YEAR	345	3.0	15	55

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	601	88	8	0	0	0	0	697
FEB	612	45	23	4	0	0	0	684
MAR	691	25	11	6	3	0	0	736
APR	607	58	16	2	0	0	0	683
MAY	477	13	12	2	0	0	0	504
JUN	597	18	6	0	0	0	0	621
JUL	675	39	5	2	0	0	0	721
AUG	661	26	37	8	3	0	1	736
SEP	629	60	17	1	2	0	0	709
OCT	601	94	28	3	7	0	0	733
NOV	474	156	61	11	2	0	0	704
DEC	552	147	28	6	1	2	0	736
YEAR	7177	769	252	45	18	2	1	8264

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.1	0	0.1	0.7	1.4	2.7	6.0	8.7	14.0	18.5	55	3.0

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14049

156 VICTORIA ST NORTH SARNIA

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30	0	0	0	0	0	7	20	16	4	2	2	2	3	3	3	3	1	1	1	1	0	1	0	0	0 *****
MEAN	0	0	0	0	0	7	20	16	4	2	2	2	2	2	2	2	1	1	1	1	1	0	1	0	2.2

PERCENTAGE OF DATA VALID - 5.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 94.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14049

156 VICTORIA ST NORTH SARNIA

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	0	0	8	8	2	****	2	7	6	5	4	3	3	2	11	10	1	0	0	0	3
2	1	1	1	2	1	2	5	3	1	0	1	3	3	2	2	2	1	1	1	3	4	14	15	17	4
3	20	5	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	1	1	1	3	11	5	0	3
4	0	0	0	0	0	0	3	3	1	1	2	2	2	3	2	2	1	1	2	1	1	1	0	0	1
5	0	0	1	0	1	1	2	1	1	2	2	1	1	****	1	1	1	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	2	1	1	1	0	1	1	1	1	0	0	0	1	0	0	0	0	0
7	0	0	0	0	0	0	1	2	2	2	1	1	1	2	2	2	2	1	1	1	0	0	0	0	1
8	0	0	0	0	1	0	3	4	3	3	2	4	2	2	2	****	2	2	1	1	1	1	1	0	2
9	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1	1	1	0	1	1	1	0	0	1
10	0	0	0	0	0	1	1	1	1	1	1	2	0	0	0	0	0	0	5	6	3	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	2	2	2	1	3	1	1	1	1	1	1	0	0	0	1	1	1	1	2	1
13	4	1	0	0	0	0	1	2	3	4	2	2	2	2	2	2	2	2	1	1	1	0	1	1	2
14	0	0	0	0	1	1	1	2	3	4	4	3	4	3	2	2	2	0	0	0	0	1	2	2	2
15	3	1	0	1	1	0	1	2	2	2	1	1	2	1	1	1	1	1	0	1	0	1	1	0	1
16	1	1	0	0	0	0	0	1	1	2	2	2	1	1	1	2	1	1	1	1	0	1	0	0	1
17	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	1	2	2	2	2	2	2	2	2	3	2	1	1	1	2	1	1	0	****	****	1
19	****	****	****	****	****	0	1	2	2	2	4	3	1	2	2	3	4	4	3	3	3	2	2	1	2
20	1	1	4	10	6	7	6	10	8	****	****	****	****	****	2	3	2	1	0	1	0	0	0	0	3
21	0	0	0	0	0	0	0	1	3	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	1
22	1	0	0	0	0	0	1	1	2	3	****	****	1	2	2	2	1	1	1	1	1	1	1	1	1
23	2	2	2	2	1	2	2	3	4	4	5	2	2	3	3	3	4	2	1	1	1	1	1	0	2
24	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1	1	1	0	1
25	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	3	3	1	1	1	2	1	0	0	1
26	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	****	****	****	****	****	****	****	****	****	****
27																									
28	2	2	1	1	1	2	3	3	5	5	4	3	3	****	****	2	1	1	3	3	2	1	0	0	2
29	1	1	0	0	0	0	2	4	8	4	2	1	1	1	1	0	1	3	4	6	5	5	6	6	3
30	4	5	5	3	3	4	1	2	3	4	5	4	5	5	4	3	2	4	2	1	1	1	0	3	3
31	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1	1	1	1	0
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	2	1	1	1.4

PERCENTAGE OF DATA VALID - 91.4

PERCENTAGE OF DATA INVALID - 5.4

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	3	5	7	9	5	3	2	2	1	2	2	3	1	4	5	6	9	9	3
2	7	9	14	8	2	1	1	6	5	-	7	3	6	5	5	6	4	4	2	1	2	2	1	2	4
3	1	1	0	0	0	0	1	2	3	2	3	2	1	1	2	2	3	2	1	3	2	2	2	5	2
4	2	2	1	2	3	1	3	4	3	8	9	5	4	11	5	7	6	4	1	2	2	2	1	1	4
5	1	1	0	1	0	0	1	1	3	4	4	5	3	3	3	3	3	3	2	1	2	3	2	2	2
6	0	1	1	1	1	1	0	1	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	1	0	0	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0
8	0	1	0	0	0	0	1	2	2	3	3	3	3	3	3	2	4	4	1	2	2	3	2	1	2
9	1	1	1	0	0	0	1	4	3	***	3	6	2	2	1	2	2	3	3	3	2	1	1	0	2
10	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	5	7	8	5	4	4	4	2	2	3
11	3	4	3	3	2	2	4	6	8	6	5	3	5	5	5	5	6	6	6	7	4	4	4	3	5
12	3	4	3	3	2	3	3	4	5	5	6	-	1	1	2	2	1	1	0	0	1	1	1	1	2
13	0	1	1	0	0	0	0	0	1	2	2	1	2	2	2	2	1	1	0	1	0	0	0	1	1
14	0	0	1	0	0	0	0	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	1
15	2	1	0	0	1	1	1	4	6	5	4	4	2	3	***	1	1	2	2	2	0	0	0	0	2
16	0	0	1	0	0	0	1	2	3	3	3	3	2	1	1	1	1	1	1	1	2	4	6	5	2
17	4	4	4	5	5	3	3	5	6	6	7	6	3	4	6	5	5	1	0	0	0	0	0	0	3
18	0	0	0	0	0	0	0	0	1	2	2	2	1	1	1	1	4	4	2	3	6	8	7	2	2
19	2	2	1	1	1	1	1	1	2	2	3	1	2	1	2	1	1	1	0	0	0	1	0	0	1
20	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
23											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	0	0	0	0	0	0	0	*****
30	0	0	1	0	0	1	1	1	1	2	2	2	3	3	2	1	0	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	2	3	3	4	3	2	3	2	2	2	2	1	2	2	2	2	2	1.9

PERCENTAGE OF OATA VALID - 75.1

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 24.4

NOTES 1. "\*\*\*\*\*" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - OEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	2	3	3	4	3	4	3	2	3	3	3	3	1	0	0	0	
2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3																									
4																									
5																									
6																									
7	****	****	****	****	****	****	****	****	****	****	****	2	1	1	1	2	2	2	2	1	1	1	1	1	*****
8	3	1	1	1	1	1	1	2	2	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	2
9	0	0	1	1	0	0	0	1	2	7	5	7	5	6	2	1	2	1	0	1	0	0	0	0	2
10	1	2	3	6	7	7	7	6	7	8	7	7	7	6	5	5	****	2	1	0	0	0	1	1	4
11	0	1	1	0	0	0	0	1	3	4	5	8	8	7	7	5	9	5	2	1	2	5	8	8	4
12	7	8	6	6	12	6	2	2	3	3	4	3	3	3	3	2	1	1	1	1	0	0	0	0	3
13	0	0	0	0	0	1	1	2	3	4	4	5	5	4	4	3	3	3	3	2	3	3	2	2	2
14	3	3	4	6	8	8	5	6	9	10	10	11	9	8	4	4	4	3	1	1	0	0	1	2	5
15	3	3	2	1	1	2	2	5	8	7	5	5	5	7	8	7	8	11	6	6	6	14	11	8	6
16	8	7	2	1	7	5	4	8	9	10	11	9	7	8	6	8	8	9	6	4	4	2	3	0	6
17	1	1	1	1	2	3	0	1	2	2	3	3	3	2	2	****	3	3	3	1	0	0	0	1	2
18	1	1	1	1	1	0	0	1	1	3	4	4	4	5	5	6	7	2	2	1	1	1	0	1	2
19	1	2	4	5	7	9	11	8	6	6	8	8	8	9	5	7	7	7	5	8	9	8	4	2	6
20	8	5	4	5	5	3	1	2	2	2	2	3	2	2	-	2	2	2	1	1	0	0	0	0	2
21	0	0	0	1	1	0	0	1	1	2	3	3	4	4	4	4	5	5	3	2	2	2	0	0	2
22	1	0	0	0	0	1	1	2	4	4	6	7	7	8	7	8	7	6	6	4	3	4	3	1	4
23	1	3	2	0	0	0	0	1	2	3	3	3	5	7	4	3	3	2	1	2	2	1	1	1	2
24	0	1	0	0	0	0	0	1	5	9	8	6	6	6	5	4	2	1	0	0	2	2	1	1	3
25	1	2	2	4	5	0	1	1	1	2	2	2	1	1	2	1	1	1	1	1	1	2	2	2	2
26	2	2	1	0	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	1	1	0	0	0	1	1	1	2	5	3	2	0	0	0	0	0	0	0	2	1	0	1
28	0	0	1	0	0	0	1	4	4	5	7	6	3	4	5	5	5	5	3	2	2	2	1	1	3
29	0	0	0	1	0	0	0	1	2	****	****	****	3	2	1	1	2	1	0	0	0	1	0	1	1
30	1	1	0	2	4	2	4	6	4	4	3	5	3	4	4	4	5	3	2	1	3	4	2	1	3
31	1	1	0	0	1	0	0	0	1	1	2	3	3	2	2	1	1	0	0	0	0	0	0	0	1
MEAN	2	2	1	2	2	2	2	3	3	4	4	5	4	5	4	4	4	3	2	2	2	2	2	1	2.7

PERCENTAGE OF OATA VALID - 82.7

PERCENTAGE OF DATA INVALID - 17.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG		DATA UNAVAILABLE		
SEP	1	2.2	3	20
OCT	29	1.4	4	20
NOV	22	1.9	5	14
DEC	25	2.7	6	14
YEAR	77	2.0	6	20

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	DATA UNAVAILABLE							
JUL	DATA UNAVAILABLE							
AUG	DATA UNAVAILABLE							
SEP	35	1	2	0	0	0	0	38
OCT	658	16	6	0	0	0	0	680
NOV	502	37	2	0	0	0	0	541
DEC	513	95	7	0	0	0	0	615
YEAR	1708	149	17	0	0	0	0	1874

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
64.0	0	0.0	0.1	0.8	1.9	4.7	6.5	8.0	9.7	20	2.0

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT																UNITS - 0.01 PARTS/MILLION									
STATION - SW ND 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON																MONTH - JAN 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	2	3	5	2	3	6	3	1	2	1	2	1	1	1	1	1	1	1	2	4	4	3	2
2	4	4	6	8	10	10	10	11	11	8	5	5	6	5	6	6	8	6	7	4	4	3	3	3	6
3	2	2	1	2	1	0	1	1	2	3	4	4	6	4	4	3	7	3	2	2	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	3	2	2	1	1	1	1	2	3	2	1	1	1	1	1
5	1	1	0	1	1	1	1	3	6	14	- ****	6	6	7	9	9	12	11	15	21	7	5	11	5	7
6	3	3	3	3	4	11	16	20	17	13	8	10	13	8	10	12	10	12	5	6	5	6	6	4	9
7	3	3	2	3	4	3	6	14	12	10	6	3	3	3	3	10	3	3	2	2	2	2	2	2	4
8	2	3	4	3	4	3	5	7	5	4	5	5	4	4	4	5	9	8	9	9	5	5	5	4	5
9	5	5	4	5	4	4	7	9	12	14	15	15	6	5	****	8	13	10	5	5	5	6	6	10	8
10	14	16	15	14	14	15	16	19	24	23	23	24	17	10	8	9	16	7	8	5	4	3	4	2	13
11	2	2	3	2	2	2	2	2	2	4	4	5	6	6	6	11	5	3	3	3	3	3	3	2	4
12	2	2	2	1	1	2	3	8	10	5	5	4	10	****	9	10	12	8	15	9	4	5	7	3	6
13	4	4	4	4	4	7	11	15	16	13	13	12	11	****	****	8	8	6	7	6	8	7	3	2	8
14	2	1	1	1	1	2	3	3	4	3	3	6	11	14	16	17	18	21	19	16	16	15	14	9	
15	14	13	13	13	13	13	14	16	18	20	21	19	20	21	20	21	21	20	19	18	17	18	20	16	17
16	17	18	18	19	20	19	19	20	23	23	23	23	22	22	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	3	5	3	2	3	2	2	4	9	8	12	9	8	18	****
18	20	21	16	6	12	22	20	21	35	39	27	6	4	5	3	5	2	7	13	15	18	23	23	32	16
19	16	6	3	5	3	10	7	8	8	****	****	5	6	5	6	7	7	6	5	8	3	2	3	5	6
20	2	2	2	1	2	2	3	4	5	4	5	4	4	3	3	3	4	5	4	6	12	8	3	3	4
21	3	2	2	2	2	1	3	4	5	5	4	4	4	3	3	3	2	2	1	1	1	1	1	1	3
22	1	1	0	0	0	1	1	1	2	2	1	1	1	1	2	2	3	2	1	1	1	2	2	1	1
23	1	1	2	2	2	2	5	5	4	4	2	4	3	3	****	3	3	2	1	2	1	2	2	2	3
24	1	1	1	1	1	1	1	1	1	2	2	4	4	3	3	5	4	3	4	19	17	19	24	18	6
25	9	5	3	2	2	1	1	2	2	3	3	3	3	2	4	2	2	1	1	1	1	1	1	1	2
26	1	1	1	2	2	2	2	5	9	9	****	5	4	3	4	3	4	3	2	3	2	1	2	1	3
27	1	1	1	0	0	0	1	2	2	2	2	2	2	2	2	2	3	3	2	2	1	1	1	1	2
28	0	1	1	1	1	1	3	6	9	8	4	4	2	3	4	4	4	4	8	3	3	2	3	3	3
29	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	1	1
30	2	4	4	7	7	7	6	8	7	4	****	2	3	3	3	2	2	3	5	6	6	5	8	13	5
31	14	10	15	23	19	16	14	12	9	5	7	6	12	12	5	4	7	5	2	4	2	2	1	2	9
MEAN	5	5	4	5	5	5	6	8	9	8	7	6	7	6	5	6	7	6	6	7	6	6	6	6	6.0

PERCENTAGE OF OATA VALID - 95.8

PERCENTAGE OF OATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT																UNITS - 0.01 PARTS/MILLION									
STATION - SW ND 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON																MONTH - FEB 76									
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	2	2	2	3	3	3	4	3	3	3	1	1	1	1	1	1	1	1	1	2
2	0	1	0	0	1	1	1	1	1	1	1	1	2	1	2	2	2	2	4	4	3	3	3	2	2
3	2	2	2	3	3	4	5	12	11	8	7	5	4	3	4	3	5	7	8	7	2	1	1	1	5
4	2	3	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	4	4	8	3
5	17	23	21	20	21	14	31	20	6	4	2	2	3	3	6	6	2	1	1	2	2	4	3	6	9
6	4	4	4	5	7	3	3	4	4	2	2	2	2	3	3	3	3	3	3	3	3	3	1	1	3
7	1	1	1	1	1	1	1	1	2	4	4	5	8	5	4	3	4	4	2	2	1	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1
9	3	3	2	10	20	29	32	49	65	46	23	18	****	****	****	****	****	****	****	****	****	****	****	****	****
10																									
11																									
12																									
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27																									
28																									
29																									
30																									
31																									
MEAN	3	4	4	5	6	6	8	10	11	8	5	4	3	3	3	3	3	3	3	3	2	2	2	3	4.5

PERCENTAGE OF DATA VALID - 29.3

PERCENTAGE OF OATA INVALID - 7.3

PERCENTAGE OF OATA UNAVAILABLE - 63.4

NOTES 1. "\*\*\*\*\*" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY



POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - SW NO 1S001 WESTERN FAIR GROUNDOS KING/RECTORY, LONON											MONTH - JUN 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	-	-	-	-	-	-	-	-	-	-	-	****	****	****	****	1	1	1	2	2	2	2	7	1	*****
10	1	1	1	1	1	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	0	1
13	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
14	1	1	1	2	2	3	3	3	2	2	****	1	1	1	1	2	1	1	2	1	2	4	3	1	2
15	1	1	1	1	1	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	5	4	3	3	4	4	4	3	3	3	4	2	1	2	1	1	2
17	1	1	1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	2	1	2	4	6	6	2
18	4	3	3	3	4	6	5	2	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1
19	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	5	6	1
20	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
21	0	0	0	0	0	1	1	1	0	0	0	1	****	1	1	1	2	2	1	1	1	1	8	1	1
22	1	1	1	1	1	3	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	2
23	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	3	4	2	2
24	1	1	1	1	1	2	2	2	2	1	1	2	2	1	2	1	1	1	1	1	1	2	1	1	1
25	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
26	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
28	1	1	1	1	1	1	1	1	2	-	-	-	2	1	2	1	1	2	1	1	1	1	1	1	1
29	1	1	1	1	1	2	4	5	3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2
30	1	2	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	1	2	3	1	2
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1.4

PERCENTAGE OF OATA VALIO - 70.6

PERCENTAGE OF OATA INVATIO - 0.8

PERCENTAGE OF OATA UNAVAILABLE - 28.6

NOTES 1. "\*\*\*\*\*" INOICATES INVATIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SW NO 1S001 WESTERN FAIR GROUNDOS KING/RECTORY, LONON															MONTH - JUL 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	1	1	2	1
2	1	0	1	1	1	1	2	2	2	****	2	1	2	2	2	1	1	1	1	2	2	1	1	2	1
3	2	1	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	4	1	1
4	3	1	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1	1	1	1	2	5	5	2	1
5	2	1	1	1	2	6	9	5	2	2	1	1	2	2	2	5	4	3	5	3	2	5	9	6	3
6	9	9	4	2	3	8	10	3	****	2	1	1	3	1	1	2	1	1	1	1	1	3	1	1	3
7	1	1	1	0	1	1	1	2	1	1	1	1	2	2	1	1	1	1	2	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1
9	1	1	1	1	1	3	6	1	1	****	1	1	2	1	1	4	3	1	2	2	3	3	4	3	2
10	4	1	1	2	1	2	0	2	1	1	2	1	1	1	1	1	1	2	2	1	1	2	3	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1
13	1	1	1	1	1	2	2	2	****	2	1	1	2	1	1	2	2	1	1	1	1	2	3	3	2
14	3	1	1	1	0	2	5	15	12	8	6	3	2	1	1	1	1	1	1	1	1	1	2	0	3
15	1	1	1	1	1	2	3	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1
16	2	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2
17	2	1	1	1	2	3	2	2	1	1	1	1	1	1	2	2	1	3	4	2	3	3	4	3	2
18	3	2	2	1	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	3	4	1	1	2
19	1	0	0	1	2	3	3	3	3	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1
20	0	0	1	1	1	2	3	3	3	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	1	1	1	1	2	3	1	1
22	0	0	1	1	1	1	3	3	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
23	0	1	1	1	1	2	5	3	2	2	3	2	1	1	1	1	1	1	1	1	3	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	0	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	5	3	3	1
26	1	2	1	1	0	1	3	4	****	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
27	0	0	0	0	0	2	4	3	2	1	1	1	1	1	1	1	1	1	1	2	6	19	16	11	3
28	7	5	3	1	2	7	9	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
29	0	1	1	1	1	1	1	2	1	2	4	3	2	2	1	2	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	2	2	1	3	4	2	1
31	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	1	1	1	1	2	3	3	2	1	1	1	2	1	1	1	1	1	1	1	2	2	3	2	1.6

PERCENTAGE OF OATA VALIO - 99.2

PERCENTAGE OF OATA INVATIO - 0.8

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INOICATES INVATIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - AUG 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	3	2	2	5	7	7	15	8	***	1	1	1	1	1	1	1	1	1	1	1	2	3	3	6	3
3	6	4	2	2	7	7	21	19	2	2	1	1	0	1	0	1	1	1	2	1	2	5	1	0	4
4	1	0	0	1	1	7	18	6	1	1	0	0	0	0	0	1	1	1	1	0	0	1	2	0	2
5	0	0	0	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	3	1	1	1	1	1	1
6	1	1	1	1	1	1	2	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	3	2	2	2	1	1	1	0	1
8	1	1	0	0	0	0	0	0	1	1	1	1	1	1	2	3	2	1	1	2	7	5	1	1	1
9	1	1	0	0	0	2	6	2	1	1	1	***	1	1	1	1	1	1	1	1	1	1	2	3	1
10	2	1	1	1	1	3	7	5	2	1	1	1	1	1	1	1	1	1	1	1	1	3	4	5	2
11	2	2	1	1	1	2	3	4	2	2	1	2	1	1	1	1	1	1	2	1	1	1	1	1	2
12	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1
13	1	1	1	1	1	1	3	2	2	***	1	1	1	1	1	2	3	2	1	1	2	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
16	1	1	1	1	1	3	4	3	***	1	1	1	1	1	2	2	1	1	1	3	3	4	5	2	2
17	11	6	3	3	3	6	11	5	2	1	2	2	2	2	2	2	2	1	1	1	2	3	5	4	3
18	5	4	3	2	3	8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19	- DATA INVALID -																								
20	***	***	***	***	***	***	***	***	***	2	1	1	1	1	1	1	1	1	1	3	3	4	5	11	*****
21	17	10	7	4	2	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	2	5	8	3
22	11	6	7	8	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
23	0	1	1	1	1	1	3	3	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
25	2	1	1	1	1	2	6	6	2	1	1	1	1	1	1	1	1	1	1	1	3	6	3	2	2
26	3	4	6	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	0	***
27	0	0	0	0	0	1	2	3	2	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	3	6	4	1	1
30	0	0	1	1	0	3	6	4	2	***	***	1	1	1	1	2	1	1	1	2	2	6	12	10	3
31	6	16	14	10	8	11	18	25	7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	6
MEAN	3	2	2	2	2	3	5	4	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.9
PERCENTAGE OF DATA VALID - 90.7						PERCENTAGE OF DATA INVALID - 9.3						PERCENTAGE OF DATA UNAVAILABLE - 0.0													

PERCENTAGE OF DATA VALID - 90.7

PERCENTAGE OF DATA INVALID - 9.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - SEP 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	3	5	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
2	1	1	1	1	2	5	4	2	2	1	1	1	1	1	1	1	1	1	1	3	2	***	***	***	2
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	2	1	1	2	5	8	3	1	1	0	0	0	0	0	1	1	1	1	6	1	1	1	1	2
7	1	5	1	1	6	3	8	5	3	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	5	22	8	3	***	***	0	0	***	0	1	0	0	0	1	1	1	2	4	3
9	4	7	6	6	8	17	23	18	13	1	1	1	1	2	1	2	2	1	2	2	2	1	1	1	5
10	1	1	1	1	1	1	2	2	3	***	2	2	2	3	3	3	3	3	2	2	2	3	3	4	2
11	4	3	3	2	2	1	1	2	2	3	2	1	2	2	2	2	2	2	5	15	25	23	29	22	7
12	14	2	1	1	1	6	4	3	1	2	2	1	2	2	2	2	2	2	3	5	9	5	4	3	4
13	6	3	1	1	1	8	18	10	4	2	1	1	1	***	0	1	1	1	1	1	2	2	2	5	3
14	1	1	2	1	1	2	10	10	4	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	2
15	1	1	1	1	1	4	13	3	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2
16	1	1	1	1	1	2	2	3	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2	2	1	2
18	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	2	2	3	4	4	7	12	21	3
19	30	33	16	13	10	7	3	1	1	1	1	1	1	1	1	1	1	1	2	1	3	4	2	1	6
20	1	1	1	1	1	1	1	1	1	2	1	2	1	***	2	3	3	2	1	1	2	2	2	3	2
21	1	1	1	2	5	7	10	6	4	2	2	2	3	3	3	10	3	2	2	2	3	2	2	1	3
22	1	1	1	1	1	1	2	4	3	2	2	2	3	3	3	4	4	2	7	15	9	11	12	8	4
23	4	1	2	1	1	1	2	3	2	2	2	2	1	1	2	2	2	3	5	6	6	6	5	4	3
24	3	4	3	1	7	22	33	21	3	3	2	2	2	2	2	2	2	2	3	5	6	9	10	18	7
25	26	22	17	22	24	26	28	16	8	4	2	2	1	2	2	1	1	2	3	7	19	21	6	1	11
26	1	1	1	0	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	0	0	1	1	2	2	2	-	1	1	1	2	2	3	2	3	3	2	2	2	1	0	2
28	0	0	0	1	1	3	9	8	1	1	1	1	1	1	2	2	3	3	5	7	8	2	3	4	3
29	2	1	1	1	1	3	5	8	7	3	2	2	2	2	2	2	2	1	2	2	2	2	3	3	3
30	0	0	0	1	3	13	40	51	18	2	1	1	1	1	1	1	2	4	14	15	20	35	21	9	11
MEAN	4	3	2	2	3	5	9	7	3	2	2	1	1	2	2	2	2	2	3	4	5	5	5	4	3.1

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 15001					WESTERN FAIR GROUNDS KING/RECTORY, LONDON										MONTH - OCT 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	5	5	5	3	2	10	12	17	14	5	2	1	1	1	1	2	2	2	4	8	12	16	20	24	7		
2	18	5	4	3	3	5	16	12	4	2	1	1	0	0	0	1	1	5	8	12	16	21	29	25	8		
3	18	18	14	10	9	11	11	6	2	0	0	0	1	1	1	1	1	0	0	12	16	21	29	25	5		
4	0	0	0	0	1	1	5	6	4	2	1	1	1	1	1	1	1	2	4	5	1	1	2	1	2		
5	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1		
6	1	1	1	1	1	1	3	3	3	2	2	3	3	4	4	5	5	3	1	1	1	1	1	1	2		
7	0	0	1	0	1	0	1	2	3	1	1	1	2	2	3	3	2	2	4	3	2	2	2	1	2		
8	2	1	0	0	0	1	2	4	3	2	2	2	2	3	3	3	2	2	2	2	2	4	3	1	2		
9	2	1	1	0	0	1	1	1	1	1	2	2	2	3	2	2	1	1	2	2	1	1	2	2	1		
10	2	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	7	8	6	7	2		
11	9	7	3	2	3	4	6	5	2	1	1	1	2	4	3	3	3	4	5	3	3	5	13	1	4		
12	2	1	1	2	1	5	13	25	13	3	4	3	2	2	2	2	2	1	1	1	2	2	2	1	4		
13	0	1	1	1	1	1	2	3	3	2	2	2	1	1	2	2	2	2	3	3	2	2	1	0	2		
14	0	0	0	0	0	1	2	3	***	2	2	2	2	3	2	3	4	4	6	4	2	3	2	2	2		
15	1	1	1	1	1	2	3	6	4	3	2	3	2	2	2	2	2	2	3	3	3	4	3	3	2		
16	2	1	1	0	0	0	1	2	2	2	3	3	2	2	2	3	2	2	3	2	2	2	2	4	2		
17	4	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1		
18	0	0	0	0	0	2	3	6	9	4	3	2	1	2	2	3	2	3	3	7	15	13	2	1	3		
19	0	0	0	0	1	1	3	3	***	2	1	0	1	2	2	2	2	1	0	0	0	0	0	0	1		
20	0	1	1	1	2	2	7	12	***	9	9	6	3	4	3	6	7	4	3	3	4	5	6	1	4		
21	1	0	0	0	0	1	2	7	3	2	2	3	2	2	3	3	3	2	2	2	2	1	1	1	2		
22	1	0	0	0	0	1	2	4	***	3	3	2	2	3	2	3	4	4	3	3	4	4	3	2	2		
23	2	2	1	1	1	2	5	6	7	4	3	3	3	3	3	5	7	16	9	9	7	6	3	1	5		
24	1	1	0	0	0	0	0	1	1	1	1	2	2	2	2	2	1	1	1	1	2	3	2	1	0		
25	0	0	0	0	1	1	2	2	***	2	2	2	2	2	2	2	2	4	7	4	3	5	7	4	2		
26	5	4	1	2	1	4	8	9	3	1	1	1	2	2	2	3	2	4	3	2	2	3	2	3	3		
27	2	1	1	1	1	4	12	9	3	1	1	2	2	3	3	3	3	4	5	4	3	12	7	3	4		
28	2	1	1	1	1	3	7	10	6	5	5	3	3	***	5	6	4	5	6	4	3	4	3	1	4		
29	1	1	1	1	2	5	10	11	6	5	5	4	5	5	4	4	5	10	17	6	4	7	4	3	5		
30	4	2	1	1	2	2	3	7	9	8	8	16	7	6	4	6	4	3	3	3	2	2	1	1	4		
31	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	2	2	2	3	6	3	2	1	2		
MEAN	3	2	1	1	1	2	5	6	4	3	2	2	2	2	2	3	3	3	4	4	4	5	4	3	3.0		

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 15001					WESTERN FAIR GROUNDS KING/RECTORY, LONDON										MONTH - NOV 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	2	1	1	2	1	2	19	45	6	12	2	3	3	1	***	3	5	7	40	58	31	31	42	46	16		
2	39	30	21	14	9	2	5	11	16	***	-	6	6	5	6	7	6	6	5	5	3	3	4	5	10		
3	4	2	2	2	2	3	5	9	8	5	3	3	3	4	4	5	9	12	11	17	22	25	12	7			
4	5	6	6	6	11	11	6	7	9	8	3	3	5	4	6	6	6	8	5	4	4	3	4	4	6		
5	5	4	3	3	2	3	2	4	6	7	6	4	4	3	2	3	4	7	10	15	7	6	6	6	5		
6	3	3	1	1	1	1	1	2	5	4	5	4	3	4	3	3	5	5	5	6	2	3	2	2	3		
7	1	1	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	0	0	1		
8	0	0	0	0	0	0	2	2	2	1	1	***	2	2	2	3	2	3	3	4	2	4	10	9	2		
9	7	5	2	2	2	2	2	6	4	5	5	5	5	5	6	7	8	10	8	9	11	6	4	3	5		
10	2	1	0	0	0	0	1	5	5	4	3	2	2	4	3	3	5	6	10	7	2	2	1	1	3		
11	1	0	0	0	0	0	1	3	3	2	2	2	3	2	3	3	5	5	5	15	13	9	4	3	4		
12	2	3	1	1	1	1	5	5	8	4	3	3	2	2	3	4	4	6	4	4	4	3	2	2	3		
13	2	1	0	0	1	1	1	1	2	2	2	3	3	2	2	2	2	3	2	3	3	2	2	1	2		
14	1	1	0	1	1	1	1	1	2	2	2	2	2	3	3	5	6	4	6	4	3	6	4	4	3		
15	3	3	2	2	2	3	6	24	21	***	6	5	4	4	4	4	8	22	45	66	24	12	25	12	13		
16	3	2	1	1	1	2	9	18	14	9	5	4	3	3	3	3	6	10	11	5	4	4	4	4	5		
17	4	3	4	2	2	2	5	9	9	6	4	4	5	5	5	6	8	7	4	4	3	1	2	4	5		
18	5	5	2	1	1	1	2	4	5	3	3	2	2	2	3	4	4	6	5	***	2	2	2	3	3		
19	1	1	1	1	1	2	2	3	5	3	2	2	2	2	2	2	3	2	5	4	4	2	2	3	2		
20	2	2	1	1	0	0	0	1	2	0	3	3	3	3	3	3	3	3	2	2	1	1	1	1	2		
21	1	1	0	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	0	0	1		
22	0	0	0	0	0	0	0	1	1	-	-	1	1	2	2	2	2	2	2	2	1	1	1	1	1		
23	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	3	3	3	2	2	2	1	1	1	1		
24	1	1	1	1	1	1	2	6	6	5	4	4	4	4	4	5	5	5	4	4	3	3	2	2	3		
25	2	1	2	3	3	2	4	8	7	4	4	4	4	4	5	5	4	3	2	2	1	1	1	2	3		
26	1	2	1	1	1	2	2	3	3	2	3	3	3	3	3	4	3	3	5	7	2	4	5	4	3		
27	2	2	1	1	0	1	2	1	1	1	1	2	3	3	3	4	4	4	3	2	2	3	3	2	2		
28	2	2	1	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	0	1	0	1		
29	0	0	0	0	0	0	1	2	3	2	2	2	2	2	***	3	3	3	2	2	2	2	3	2	2		
30	1	1	1	1	1	1	2	4	4	3	2	2	3	2	2	2	2	3	3	2	2	5	3	4	2		
MEAN	3	3	2	2	2	1	3	6	5	4	3	3	3	3	3	4	4	5	7	9	5	5	6	5	3.9		

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - SW NO 15001					WESTERN FAIR GROUNDS KING/RECTORY, LONDON										MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	3	2	3	3	5	8	3	4	4	5	4	4	4	5	4	3	4	4	4	5	4	5	3	3	4			
2	1	1	1	1	1	1	1	2	2	1	1	2	1	2	1	2	3	3	2	1	1	1	2	1	1			
3	1	1	1	1	1	1	2	9	14	9	7	***	4	4	5	6	4	3	3	4	2	3	3	2	4			
4	2	2	1	1	1	1	1	1	2	8	5	4	4	4	4	4	8	7	7	5	2	5	3	2	4			
5	3	4	3	1	1	2	1	1	1	3	5	4	4	4	7	3	1	1	0	0	1	1	1	1	2			
6	1	1	1	1	1	1	1	3	4	4	4	5	3	4	-	-	10	14	21	12	5	3	3	4	5			
7	2	1	4	6	3	1	0	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	2			
8	0	0	0	0	0	0	0	3	5	7	11	6	4	5	5	4	5	6	7	7	1	1	1	1	3			
9	1	1	1	1	1	1	1	2	5	6	7	7	7	7	5	5	4	3	2	3	2	1	1	1	3			
10	3	2	2	1	1	1	1	2	2	3	3	4	4	4	3	3	3	3	3	4	2	2	1	1	2			
11	1	1	1	0	0	0	0	0	1	3	4	4	7	6	5	4	9	9	8	5	4	4	3	3	3			
12	2	4	1	1	1	2	3	3	3	4	4	4	5	5	7	7	4	3	2	1	1	1	0	1	3			
13	0	0	0	0	0	0	0	1	1	1	***	2	2	3	4	2	2	5	14	23	10	10	6	8	4			
14	2	2	1	1	1	1	2	3	4	3	3	3	2	3	3	3	3	2	3	2	1	1	1	2	2			
15	1	1	1	1	2	2	6	13	16	9	7	5	4	5	5	6	12	18	13	10	5	9	7	8	7			
16	3	4	5	5	4	5	6	12	15	14	13	11	11	11	9	9	8	7	4	4	4	3	2	3	7			
17	2	1	1	0	1	1	3	4	4	4	4	3	2	2	3	3	4	2	1	1	1	1	1	1	2			
18	1	2	1	0	0	0	0	0	1	4	4	4	4	5	4	4	4	3	4	4	5	4	3	2	2			
19	3	5	6	5	3	2	1	2	3	3	3	3	4	5	8	15	21	18	13	9	8	8	11	7	7			
20	11	8	5	5	3	5	6	7	4	****	1	2	1	2	1	2	2	2	1	1	1	1	0	0	3			
21	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1			
22	0	0	0	1	1	1	1	2	4	4	4	4	4	5	5	4	4	4	4	5	3	2	2	3	3			
23	1	1	1	1	1	1	1	3	3	4	5	5	5	5	3	3	4	3	1	1	1	1	1	1	2			
24	1	1	1	0	1	1	4	7	8	7	6	6	4	4	5	6	7	3	2	2	2	1	2	3	4			
25	1	1	0	0	0	0	0	1	2	2	3	2	2	2	3	3	2	2	2	2	2	1	3	1	2			
26	1	1	1	1	1	3	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1			
27	0	0	0	0	0	0	0	0	1	1	4	4	4	4	4	3	2	2	3	4	1	1	3	4	2			
28	0	0	0	0	0	0	0	1	4	4	4	4	4	5	4	4	4	3	3	3	2	2	2	2	2			
29	1	1	0	0	0	0	0	1	1	2	2	2	3	2	2	3	3	3	3	3	4	4	2	3	2			
30	2	2	3	4	3	3	6	5	6	13	14	13	14	9	4	2	4	7	11	9	7	4	3	2	6			
31	2	1	1	1	1	1	1	1	3	2	3	3	2	2	2	2	2	1	1	1	1	1	0	0	1			
MEAN	2	2	2	1	1	1	2	3	4	4	5	4	4	4	4	4	5	5	5	4	3	3	2	3	3.1			

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW ND 15DD1 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	6.0	17	39
FEB	8	4.5	9	65
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	21	1.4	2	8
JUL	31	1.6	3	19
AUG	27	1.9	6	25
SEP	29	3.3	11	51
OCT	31	3.0	8	29
NOV	30	3.9	16	66
DEC	31	3.1	7	23
YEAR	237	3.1	17	66

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SW ND 15DD1 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	468	113	105	24	3	0	0	713
FEB	173	13	8	6	1	2	1	204
MAR		DATA UNAVAILABLE						
APR		DATA UNAVAILABLE						
MAY		DATA UNAVAILABLE						
JUN	502	6	0	0	0	0	0	508
JUL	717	16	5	0	0	0	0	738
AUG	627	33	13	2	0	0	0	675
SEP	611	43	22	18	4	0	1	699
OCT	647	58	28	5	0	0	0	738
NOV	600	72	20	9	4	4	2	711
DEC	641	68	27	3	0	0	0	739
YEAR	4986	422	228	67	12	6	4	5725

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.1	0	0.1	0.6	1.2	2.4	6.2	10.9	18.3	22.1	66	3.1



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE												MONTH - JAN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	1	0	0	2	0	0	0	0	0	3	1	1	1	1	1	1	1	1	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	0	1	1	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
11	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	- DATA INVALID -																								
16	***	***	***	***	***	***	***	***	***	***	***	1	1	1	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	1	1	1	***	2	1	1	1	1	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	***	***	***	***	1	1	1	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	2	2	1	1	0	1	0	0	1	1
25	1	1	0	0	0	1	1	1	1	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	1	***	1	1	1	2	1	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	1	2	1	1	1	0	1	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
30	0	0	0	1	0	0	0	0	0	1	2	3	3	4	3	3	2	0	0	0	0	0	0	0	1
31	0	0	2	2	1	0	1	1	3	2	2	1	1	1	2	1	0	0	0	0	0	0	0	0	1
MEAN	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 93.4

PERCENTAGE OF DATA INVALID - 6.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071												EXPERIMENTAL FARM SIMCOE													
MONTH - FEB 76																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	1	2	2	2	1	0	1	1	1
6	1	1	1	1	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	1	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 22071      EXPERIMENTAL FARM SIMCOE												MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1	D	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	0	0	0	1	1	1	1	1	1	2	2	1	2	1	1	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	2	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	D	0	0	0	0	0	0	0	0	0	0	0	0	D	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	1	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 22071      EXPERIMENTAL FARM SIMCOE												MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	D	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 22071      EXPERIMENTAL FARM SIMCOE												MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1
7	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.3      PERCENTAGE OF DATA INVALID - 0.5      PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 22071      EXPERIMENTAL FARM SIMCOE												MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	****	0	0	0	2	2	2	1	1	1	1	0	1	0	0	1	0	0	0	0	0	1
5	1	1	1	1	0	1	1	1	0	1	1	0	0	1	1	1	0	0	1	1	1	0	0	1
6	0	1	1	1	0	1	1	1	1	1	0	0	1	0	1	0	0	0	1	1	0	0	0	1
7	0	1	0	0	0	1	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	****	0	0	****	1	0	0	0
9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	****	0	****	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	****	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	****	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
16	0	0	****	0	0	0	0	0	0	0	****	****	0	0	1	0	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
22	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	****	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	****	0	****	0
24	0	0	0	0	0	0	2	0	0	0	1	1	****	0	0	0	0	****	0	0	****	****	****	0
25	0	1	0	0	0	0	0	1	0	0	****	0	0	1	1	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
27	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
28	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	****	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 96.0      PERCENTAGE OF DATA INVALID - 3.9      PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. "-" INDICATES DATA IS UNAVAILABLE  
 3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
2	0	0	0	0	0	0	1	2	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0
3	0	****	0	0	0	****	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	1	1	2	1	1	0	0	1	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
14	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
26	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE												MONTH - SEP 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	2	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE												MONTH - OCT 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	4	1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	1	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	3	3	1	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
19	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	4	4	2	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	1	2	2	2	4	3	1	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	***	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0
28	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1
31	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071      EXPERIMENTAL FARM SIMCOE												MONTH - NOV 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2	1	0	0	1	0	0	0	1	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	1	1	1	2	1	1	0	0	1	1	1	0	0	0	2	4	3	1	1	1
16	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0
17	0	1	0	0	0	0	0	0	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 22071												EXPERIMENTAL FARM SIMCOE													
MONTH - DEC 76																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	0	1	1	2	2	2	2	2	1	1	0	0	0	1	1	0	0	0	1
5	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
7	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	2	2	0
14	5	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	2	4	4	2	5	1	1	0	1
16	0	0	0	0	0	1	1	2	3	3	4	4	5	5	5	5	4	6	3	3	1	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
19	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0
29	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0
31	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	0.3	1	4
FEB	29	0.1	1	2
MAR	31	0.1	1	2
APR	30	0.0	0	2
MAY	31	0.0	0	1
JUN	30	0.1	1	2
JUL	31	0.0	1	3
AUG	31	0.1	0	2
SEP	30	0.0	0	2
OCT	31	0.2	1	4
NOV	30	0.1	1	4
DEC	31	0.3	2	6
YEAR	364	0.1	2	6

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	695	0	0	0	0	0	0	695
FEB	694	0	0	0	0	0	0	694
MAR	739	0	0	0	0	0	0	739
APR	717	0	0	0	0	0	0	717
MAY	739	0	0	0	0	0	0	739
JUN	691	0	0	0	0	0	0	691
JUL	737	0	0	0	0	0	0	737
AUG	740	0	0	0	0	0	0	740
SEP	720	0	0	0	0	0	0	720
OCT	743	0	0	0	0	0	0	743
NOV	718	0	0	0	0	0	0	718
DEC	741	1	0	0	0	0	0	742
YEAR	8674	1	0	0	0	0	0	8675

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
98.B	0	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.3	6	0.1

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - WC					NORTH PARK HAMILTON										MONTH - JAN 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	1	0		
2	4	1	2	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	3	0	4	9	8	8	2		
3	6	5	5	2	2	1	2	4	7	5	7	10	9	9	9	11	12	9	9	7	6	7	6	7			
4	5	4	3	4	3	3	1	1	2	3	5	7	10	9	10	8	9	11	9	9	12	9	9	7	6		
5	4	2	1	1	1	2	10	20	26	29	26	19	11	12	15	12	15	21	17	13	11	12	11	8	12		
6	9	8	6	6	6	6	11	20	26	21	17	17	17	19	18	18	28	27	21	18	12	12	13	10	15		
7	7	6	5	5	5	6	10	15	20	19	17	19	19	21	23	16	7	14	1	4	5	2	0	0	10		
8	0	1	0	0	0	1	7	26	23	19	25	26	15	11	11	11	14	17	12	11	9	9	8	7	11		
9	5	4	5	6	7	8	10	14	19	14	13	13	12	12	13	16	18	14	13	12	10	9	8	8	11		
10	9	9	7	7	8	7	7	8	10	11	10	11	10	11	13	14	11	13	16	25	22	7	9	8	11		
11	5	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	10	7	3	2		
12	1	1	0	1	1	4	10	12	28	24	22	22	16	26	22	22	26	29	24	16	10	10	11	8	14		
13	6	5	7	7	7	10	16	25	27	29	28	27	42	44	4	2	2	1	1	1	1	1	1	4	12		
14	3	3	1	1	1	4	5	11	12	12	6	7	4	***	5	8	11	10	7	7	9	***	***	***	6		
15	***	***	***	***	***	***	***	***	***	17	17	14	12	10	11	17	18	29	28	12	10	20	13	1	14		
16	0	0	0	2	3	4	8	12	15	15	14	15	10	9	9	10	12	12	8	12	9	9	6	11	9		
17	11	8	3	2	0	0	1	0	0	0	1	3	2	0	8	14	15	5	8	23	15	16	6	10	6		
18	6	3	1	0	0	0	1	1	2	4	7	9	12	14	12	11	16	18	25	20	19	22	29	21	11		
19	10	7	7	5	5	8	13	14	16	17	15	17	15	15	18	23	20	16	13	10	7	6	6	6	12		
20	7	6	5	5	4	7	12	16	16	13	13	12	12	13	11	12	12	10	8	9	10	10	13	11	10		
21	8	6	5	4	4	6	13	20	21	17	16	17	16	***	16	18	20	19	13	7	3	2	4	7	11		
22	3	1	1	1	2	***	***	***	2	0	0	16	14	11	15	19	19	16	11	***	6	6	4	1	7		
23	7	3	8	6	6	8	22	27	42	36	25	1	5	3	1	4	9	9	0	0	0	0	2	2	9		
24	0	0	0	0	0	0	0	1	1	2	2	2	3	3	2	4	10	16	19	34	11	21	21	21	7		
25	21	18	11	10	10	10	9	12	10	2	3	3	2	0	0	0	0	0	0	0	0	0	0	0	5		
26	0	0	0	2	2	4	11	16	19	19	21	***	18	20	23	25	20	23	15	9	7	6	5	4	12		
27	3	3	1	2	4	7	11	13	15	18	18	17	23	24	24	28	23	13	9	7	8	7	6	13	13		
28	3	3	2	1	1	2	***	***	14	15	14	17	15	13	15	18	22	19	12	9	8	8	9	11	11		
29	10	8	7	7	7	7	8	13	16	11	10	9	8	10	11	14	17	16	13	9	9	10	13	15	11		
30	8	7	4	4	0	0	0	0	2	1	4	3	4	4	2	1	1	5	2	1	1	10	21	25	5		
31	****	****	****	8	5	6	9	14	14	21	25	18	11	10	12	12	15	14	10	9	7	8	7	5	11		
MEAN	6	4	3	3	3	4	7	11	14	13	12	12	11	12	11	12	14	13	10	10	8	9	8	8	9.1		

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

	STATION - WC NO 29008										NORTH PARK HAMILTON										MONTH - FEB 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN							
1	5	5	4	2	2	2	4	5	3	6	7	9	11	9	12	12	13	8	5	6	7	5	5	4	6							
2	1	0	0	0	0	1	4	8	9	7	8	9	8	7	8	11	13	11	9	6	6	5	6	6	6							
3	6	4	7	8	6	11	18	26	19	15	14	11	11	13	12	14	18	17	17	14	15	20	19	20	14							
4	15	8	8	6	8	9	13	15	9	7	8	7	6	8	8	10	15	23	15	9	8	10	9	11	10							
5	10	12	14	15	8	2	1	0	0	1	3	5	9	6	5	3	1	3	2	1	3	4	4	5	5							
6	6	6	14	9	7	7	12	19	29	18	17	16	10	7	10	13	12	9	8	9	7	6	5	5	11							
7	3	5	4	3	4	4	2	10	11	10	8	9	9	8	9	8	9	9	7	5	4	2	2	1	6							
8	1	1	1	1	0	0	1	1	1	4	2	4	4	5	6	8	8	8	9	9	7	11	8	6	4							
9	4	2	1	1	1	2	11	19	28	24	22	25	22	17	18	19	21	20	13	11	8	8	7	6	13							
10	5	5	5	5	5	6	12	21	26	20	16	15	13	14	13	13	16	14	10	9	4	9	9	6	11							
11	3	1	2	2	3	3	9	16	26	20	14	8	9	9	9	9	9	10	9	7	5	4	4	4	8							
12	4	2	3	3	4	12	18	28	30	21	15	14	10	12	13	14	16	17	12	11	11	12	10	8	13							
13	5	4	4	3	2	7	12	17	21	19	16	14	13	15	13	15	17	18	19	17	15	15	14	13	13							
14	10	9	4	2	1	2	2	4	5	6	9	14	17	16	18	7	0	0	13	14	11	12	11	8	8							
15	7	2	0	1	1	0	0	1	3	4	4	5	8	9	6	6	8	9	8	6	10	11	9	2	5							
16	1	1	1	3	4	5	11	22	28	37	29	29	***	***	***	***	***	***	***	***	***	***	***	***	***							
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	14	21	25	21	2	0	0	0	0	***							
18	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	1	1	1	10	7	6	4	2								
19	5	4	4	4	5	6	10	12	15	15	13	9	10	11	11	12	13	13	9	9	8	5	6	6	9							
20	4	2	1	1	1	2	6	15	19	16	12	11	10	10	14	19	22	38	26	24	20	21	23	23	14							
21	18	10	6	6	6	9	3	4	1	0	0	0	0	0	0	1	1	0	0	3	8	11	7	1	4							
22	2	0	0	1	0	0	0	0	1	2	4	7	8	8	8	9	10	9	7	9	8	8	8	8	5							
23	6	1	0	0	0	1	2	6	23	22	18	15	12	18	15	16	15	20	12	8	7	7	8	8	10							
24	6	6	5	4	4	6	9	16	20	18	15	15	14	12	13	14	16	15	16	15	10	11	14	17	12							
25	13	5	5	4	3	5	8	10	15	19	16	13	9	10	10	11	12	14	19	11	6	5	6	9	10							
26	6	4	4	3	8	16	16	7	56	35	30	25	18	14	16	20	21	21	18	15	11	6	4	3	16							
27	3	2	4	6	5	5	10	16	18	16	16	17	19	17	20	24	43	11	0	1	0	0	0	2	11							
28	0	6	4	1	1	1	1	2	5	7	9	12	12	13	16	17	1	0	0	0	2	10	3	1	5							
29	1	0	0	1	0	2	3	1	2	8	10	5	7	8	8	7	7	10	11	16	12	17	19	11	7							
MEAN	5	4	4	3	3	5	7	11	15	13	12	12	10	10	11	12	13	13	11	9	8	9	8	7	8.9							

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - WC NO 29008						NORTH PARK HAMILTON						MONTH - MAR 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	2	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	6	0
4	11	7	8	1	2	1	1	3	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5	0	1	0	3	1	0	0	13	11	7	22	10	9	9	8	8	11	8	7	5	4	3	2	2	6
6	2	1	1	1	1	1	3	5	6	5	3	5	5	5	5	5	6	6	8	7	7	6	4	4	4
7	3	2	1	0	0	0	0	1	1	1	2	2	3	4	4	4	4	4	4	5	6	7	5	5	3
8	3	1	1	0	0	2	12	15	15	13	14	16	18	18	15	17	20	20	13	10	11	15	9	11	11
9	18	18	10	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
10	0	1	2	3	5	7	11	22	24	24	21	22	23	20	18	16	28	30	17	10	5	4	4	6	13
11	3	1	1	0	0	1	5	14	18	16	16	16	14	12	18	19	29	30	21	0	0	3	2	4	10
12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	8	6	7	1
13	3	3	4	2	4	3	3	6	7	8	7	4	5	4	4	5	5	6	6	6	5	3	1	1	4
14	2	3	3	2	3	1	2	4	3	3	4	5	7	7	6	6	7	7	7	9	10	10	8	4	5
15	4	5	4	1	0	1	4	12	15	12	10	10	12	13	16	16	24	30	26	10	1	0	0	3	10
16	2	0	0	0	0	0	0	0	0	0	1	0	0	2	3	2	1	13	11	6	4	3	2	2	2
17	2	1	1	0	0	1	3	9	12	10	10	11	11	11	10	10	12	11	8	7	4	6	9	13	7
18	14	12	10	9	7	11	16	34	38	28	29	25	16	13	20	22	25	37	30	16	3	0	0	0	17
19	0	1	5	8	3	4	10	15	17	12	11	11	11	9	10	9	10	11	11	10	8	9	6	5	9
20	5	5	3	4	****	****	****	****	****	****	****	****	****	9	9	8	9	11	9	8	5	3	3	3	*****
21	5	2	3	2	1	2	2	1	3	3	5	3	4	5	5	6	6	7	7	6	5	6	8	9	4
22	5	1	0	0	0	0	0	0	0	0	****	****	****	****	****	16	18	19	14	10	8	7	6	8	6
23	10	8	7	3	2	4	10	17	23	19	13	11	10	10	9	11	14	15	11	11	9	10	12	9	11
24	8	5	4	5	5	6	10	16	20	17	15	15	12	10	10	10	11	12	10	9	8	5	6	4	10
25	4	2	2	3	1	4	11	16	19	17	15	13	12	8	9	10	12	12	13	19	24	25	14	****	12
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	****	****	****	****	****	****	****	****
27	0	1	10	7	5	4	3	4	8	9	8	9	14	15	11	7	10	7	7	6	4	3	2	1	6
28	1	1	1	0	0	0	0	0	0	3	6	9	11	14	18	13	4	0	0	8	16	24	6	1	6
29	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	9	1
31	6	5	4	3	3	2	5	18	21	20	20	29	9	0	0	1	1	3	9	0	0	1	5	4	7
MEAN	4	3	3	2	2	2	4	8	9	8	8	8	7	7	7	7	9	10	8	6	5	5	4	4	5.9

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 4.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - WC NO 29008						NORTH PARK HAMILTON						MONTH - APR 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	6	5	3	4	9	22	23	20	16	13	16	11	13	15	18	15	12	9	8	9	9	9	12
2	7	5	2	3	2	5	19	27	19	2	0	0	0	10	0	0	11	15	15	14	10	9	6	7	8
3	5	4	3	1	1	1	4	7	10	12	16	21	4	1	1	1	1	0	0	0	0	0	0	0	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	14	8	5	3	3
5	1	0	0	0	0	1	5	13	16	10	9	6	11	9	11	10	12	11	9	7	6	7	9	6	7
6	5	2	3	1	2	3	9	18	19	13	10	10	12	13	12	19	31	****	0	0	0	0	2	21	9
7	16	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	5	1	1
8	5	1	1	0	1	2	14	11	0	0	0	0	-	-	****	1	3	8	1	0	1	1	8	9	3
9	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	20	15	7	6	4
10	7	6	8	7	8	8	10	12	11	14	10	7	6	4	4	4	5	6	6	3	4	3	1	2	7
11	1	1	0	0	0	0	0	0	0	1	0	1	1	6	8	9	9	6	5	9	12	12	11	11	4
12	5	2	2	2	3	5	12	25	30	21	22	18	16	15	12	14	14	12	8	6	5	10	13	13	12
13	6	3	4	3	2	3	7	14	14	14	16	13	11	9	9	10	12	13	11	11	11	10	14	11	10
14	8	4	6	3	3	5	13	26	34	26	12	1	13	****	9	10	15	14	12	11	12	14	19	20	13
15	13	6	4	2	1	6	14	25	25	16	13	12	12	9	11	14	14	12	13	11	11	12	7	8	11
16	7	1	2	6	10	6	10	****	14	16	14	12	8	8	8	6	5	4	7	9	6	5	3	2	7
17	1	1	1	1	1	2	3	4	9	11	18	8	7	7	5	5	6	8	9	20	14	16	15	12	8
18	10	9	3	1	1	1	3	3	4	6	5	6	6	6	7	6	8	5	7	9	15	24	15	13	7
19	3	2	1	2	2	5	14	19	22	12	8	11	8	8	10	11	11	6	7	9	11	9	13	12	9
20	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	1	0	0	0	0	0	0	0	2	1	3	1	0	0	0	0	7	6	0	0	0	1
22	0	0	4	1	1	5	11	13	11	10	9	9	9	12	10	10	10	10	10	10	10	14	5	8	8
23	4	1	1	1	1	3	8	15	17	14	15	17	16	14	18	23	****	27	24	19	25	14	6	2	12
24	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	3	7	10	12	14	10	19	18	14	17	19	19	13	9	5	5	6	5	3	9
27	1	1	1	1	2	10	16	20	16	14	14	14	14	14	15	17	16	12	11	7	5	4	4	3	10
28	2	2	1	1	5	13	18	15	13	14	13	12	17	20	12	13	15	11	7	5	4	4	4	2	9
29	2	1	1	1	6	14	18	18	16	18	21	18	16	16	16	17	16	11	11	10	12	12	10	6	12
30	3	2	2	4	7	13	21	26	21	20	20	21	19	18	21	21	19	23	22	2	5	14	22	11	15
MEAN	4	2	2	2	2	4	8	12	12	10	9	8	8	8	8	9	9	8	8	8	8	7	7	7	7.1

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	6	6	1
2	7	4	3	2	1	4	6	6	7	9	9	9	10	11	10	9	8	6	9	9	6	4	4	5	6
3	2	1	2	2	3	9	12	11	8	9	9	8	9	10	11	15	13	9	6	4	3	6	6	6	7
4	5	5	3	4	4	6	12	15	11	9	11	9	9	10	11	14	12	10	8	6	6	6	4	3	8
5	2	2	4	4	4	9	16	19	15	13	11	8	7	5	6	6	6	5	4	4	4	4	3	4	7
6	4	2	1	1	6	14	14	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	0	0	0	1	0	1	5	10	1	0	0	10	24	9	6	3	3
8	3	3	4	4	5	4	4	5	7	8	10	11	10	9	8	6	6	7	6	8	6	5	5	4	6
9	5	3	3	1	1	2	3	3	4	6	8	6	9	7	7	7	9	10	11	27	26	28	23	19	10
10	15	7	2	0	10	16	33	33	15	1	0	5	8	7	7	8	9	5	6	5	7	11	10	6	9
11	1	1	0	0	0	0	1	10	18	21	10	0	0	0	4	23	6	1	9	7	5	5	7	4	6
12	2	1	1	1	2	10	22	21	18	16	15	13	13	14	15	***	18	9	10	9	11	11	12	10	11
13	6	2	3	3	6	14	26	30	27	25	21	18	17	21	28	29	6	1	1	1	0	0	0	0	12
14	0	0	0	0	0	0	0	0	8	14	15	15	16	18	19	16	16	16	22	22	24	22	13	12	11
15	7	7	3	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	18	16	18	16	10	4
17	7	3	3	2	3	10	19	22	17	12	13	9	10	13	19	17	18	15	16	5	4	2	1	1	10
18	0	0	0	0	0	0	1	2	2	5	9	14	16	23	26	23	29	19	16	12	9	10	14	10	10
19	4	2	2	2	3	11	19	24	18	17	15	13	11	14	14	16	16	12	8	5	3	3	3	2	10
20	1	1	1	1	4	14	23	22	24	27	25	23	22	16	14	11	9	11	12	11	11	22	14	9	14
21	4	4	1	2	4	9	13	14	13	18	20	24	21	20	19	18	18	23	18	20	25	17	12	12	15
22	7	4	2	2	6	12	15	13	20	23	18	20	13	0	0	0	0	0	14	7	9	0	0	1	8
23	1	3	2	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	3	1
24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	0
26	1	0	0	0	0	1	2	3	2	1	1	1	1	0	1	1	1	1	1	1	1	1	15	20	2
27	8	5	4	6	7	15	35	23	0	***	0	0	1	1	1	1	1	1	13	22	21	18	15	12	9
28	9	5	5	2	3	3	4	3	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2
29	0	0	0	0	0	***	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	13	12	35	51
MEAN	3	2	2	1	2	6	9	9	8	8	7	7	7	6	8	8	7	6	7	7	8	7	7	7	6.2

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	12	6	1	7	***	1	2	1	0	***	0	0	0	0	0	0	0	0	0	0	1	3	13	3
2	18	15	8	9	7	9	2	8	2	1	0	0	0	1	0	0	0	0	0	0	1	0	***	3	4
3	4	4	4	15	13	11	11	6	7	1	0	0	0	0	0	0	0	0	0	0	2	***	37	30	6
4	21	16	15	15	11	8	4	5	1	0	0	***	0	0	0	0	0	0	0	0	0	1	1	1	5
5	0	5	5	3	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	13	22	22	4
6	17	15	13	5	4	6	8	5	11	10	10	14	10	9	5	6	9	12	13	15	9	10	6	12	10
7	5	3	2	5	5	6	14	21	14	13	15	16	13	13	19	24	24	22	18	17	14	13	10	10	13
8	0	3	3	1	3	4	10	15	14	12	14	9	0	15	16	18	15	15	18	20	16	8	2	6	10
9	3	1	1	1	1	1	1	1	1	1	***	0	0	0	1	17	16	8	7	3	1	3	7	6	3
10	2	1	1	1	5	11	18	21	12	10	8	8	5	6	8	8	2	4	3	3	3	2	2	2	6
11	1	1	0	1	2	8	14	17	15	11	6	2	5	8	6	5	9	11	16	18	20	1	13	7	8
12	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	3	9	8	7	6	3	2
14	1	1	1	1	2	7	12	17	16	14	14	6	5	6	7	7	6	5	4	4	5	2	2	6	6
15	1	1	1	1	2	7	15	17	14	9	7	***	5	6	5	9	7	4	3	3	2	1	1	1	5
16	1	1	1	1	2	5	11	18	13	12	12	14	15	15	13	18	17	13	12	9	11	11	11	8	10
17	7	3	4	3	1	1	1	1	1	1	1	4	11	19	14	4	0	0	0	0	0	0	0	1	3
18	6	10	2	3	4	4	4	3	3	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	2
19	0	3	3	3	4	1	9	11	15	16	15	14	12	13	10	7	7	8	12	12	11	2	13	13	9
20	9	5	2	1	1	2	4	4	2	0	0	0	0	0	0	0	0	0	0	0	15	13	17	5	3
21	3	0	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	16	1
22	7	2	1	7	11	21	31	32	25	16	13	17	16	16	1	1	1	0	1	1	0	1	1	1	9
23	3	3	1	2	1	1	7	1	0	1	0	1	1	0	1	1	0	0	1	0	0	1	1	1	1
24	1	0	0	1	0	1	2	1	1	12	13	16	2	6	13	13	18	16	9	1	1	0	1	2	5
25	3	4	4	3	4	7	11	11	12	10	10	10	11	9	10	11	9	11	12	10	11	9	8	9	9
26	6	3	3	2	2	4	6	9	10	9	10	11	8	6	4	4	6	5	5	3	3	5	5	1	5
27	5	9	5	2	2	3	4	5	3	4	9	1	1	1	1	1	2	7	7	4	6	7	6	9	4
28	2	1	1	2	1	3	13	19	23	6	1	1	2	7	22	9	6	1	1	2	1	1	0	2	5
29	1	0	1	2	2	5	19	12	2	1	1	1	1	1	2	18	14	2	1	1	1	0	1	1	4
30	1	1	1	1	2	5	15	6	1	1	1	1	1	1	1	1	1	1	1	0	2	9	12	10	3
MEAN	5	4	3	3	3	5	8	9	7	6	6	6	4	5	5	6	6	5	5	5	5	4	6	7	5.4

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29008 NORTH PARK HAMILTON												MONTH - JUL 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	4	2	2	2	1	6	1	4	3	17	11	6	8	7	8	8	6	7	6	8	6	7	7	6
2	5	5	4	4	5	7	9	9	6	7	12	12	10	11	8	9	9	8	7	5	6	10	6	5	7
3	4	3	2	1	4	5	5	5	6	8	9	14	10	3	1	2	1	1	1	1	1	4	4	1	4
4	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	2	2	3	19	21	3
5	17	13	11	10	18	12	21	28	30	37	34	29	16	26	3	1	0	0	7	21	22	18	19	12	17
6	15	14	9	9	10	22	34	36	33	32	23	21	14	0	0	1	15	20	1	7	13	13	17	12	15
7	9	6	2	2	2	6	12	16	19	26	23	20	17	16	17	17	13	6	1	0	6	7	8	8	11
8	8	4	2	2	3	11	18	20	22	22	24	23	26	9	14	***	0	0	0	0	0	0	1	0	9
9	0	0	2	3	6	16	33	38	36	26	22	0	0	0	0	0	0	0	9	21	21	19	14	11	12
10	10	9	6	7	4	10	12	14	14	15	13	12	11	10	9	8	11	12	7	1	7	14	18	9	10
11	4	4	4	0	1	3	4	5	9	7	10	10	10	6	4	3	4	6	4	6	11	9	9	4	6
12	2	1	1	1	2	10	20	21	21	21	26	24	19	21	19	23	22	23	14	11	10	9	7	4	14
13	3	2	4	3	4	11	20	25	19	20	***	15	16	21	4	4	4	13	15	16	15	11	7	5	11
14	3	2	2	2	4	10	18	22	28	18	18	20	18	20	23	10	10	0	0	0	0	7	8	10	10
15	0	0	4	6	5	3	0	0	0	0	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***
16	0	0	3	3	1	2	0	0	6	0	8	22	15	17	17	18	16	14	14	16	13	8	8	7	9
17	3	3	2	2	3	4	7	9	10	12	13	12	11	12	10	10	9	6	5	6	7	8	6	6	7
18	7	10	5	1	1	3	7	9	9	10	11	12	10	8	8	8	8	7	8	8	16	13	12	10	8
19	4	2	1	2	2	9	14	18	16	16	17	14	12	11	11	15	8	5	4	4	3	4	4	3	8
20	2	1	1	1	3	10	16	17	12	10	11	7	6	5	6	6	5	5	5	3	3	4	6	4	6
21	4	1	2	1	0	1	0	0	1	0	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	7	19	9	5	2
24	3	2	1	1	1	2	6	12	9	5	18	17	16	17	14	12	11	1	1	0	0	8	11	3	7
25	0	0	0	0	0	0	5	9	8	0	0	0	0	0	0	0	0	6	9	10	10	10	9	6	3
26	5	3	4	5	7	18	30	17	11	10	8	5	5	6	8	7	6	5	4	4	4	3	2	1	7
27	1	1	1	1	4	7	14	22	22	22	23	22	17	16	17	18	20	22	21	22	22	13	8	15	15
28	5	5	3	3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0
30	0	0	0	0	0	0	15	7	1	0	0	0	0	0	0	0	0	0	0	0	0	10	9	2	2
31	7	7	4	4	6	7	11	11	12	0	0	0	0	0	0	0	0	0	0	2	6	2	0	0	3
MEAN	4	3	3	3	3	6	11	12	12	11	11	10	9	8	7	6	6	6	5	6	7	7	8	6	7.1

PERCENTAGE OF DATA VALIO - 98.3

PERCENTAGE OF DATA INVALIDO - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INOICATES INVALIDO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - AUG 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	9	13	
2	8	5	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	9	2
3	10	5	4	3	5	16	26	25	25	23	25	22	19	18	20	22	19	15	14	14	14	12	12	7	16
4	4	3	3	4	4	10	27	24	19	20	21	15	16	14	14	14	8	7	4	5	9	9	8	6	11
5	1	0	0	1	3	9	16	16	14	11	9	6	5	6	7	8	8	10	11	10	7	6	7	4	7
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
7	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	7	5	3	10	0	0	1	1	1	0	10	6	7	0	0	5	1	2
9	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	4	18	2	1	2	2	1	2
10	1	1	2	4	7	16	26	25	22	27	29	24	0	0	0	0	0	0	0	1	12	12	10	6	9
11	4	4	3	6	7	15	21	26	29	21	16	13	12	12	11	9	6	11	10	7	5	7	4	1	11
12	1	2	1	2	4	9	16	16	15	16	14	13	16	17	13	8	6	8	8	7	6	7	6	1	9
13	6	3	4	4	3	7	12	10	11	17	18	15	14	16	14	7	7	14	17	17	16	10	10	10	11
14	8	4	5	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	2	4	0	0	2	3	7	8	16	18	12	11	12	15	15	15	18	17	13	8	8	12	7	9
16	3	2	2	2	3	9	18	24	25	18	18	16	18	19	14	18	12	13	15	15	11	9	8	6	12
17	3	1	1	2	2	10	17	18	21	26	23	22	27	28	11	27	13	1	0	0	17	21	16	11	13
18	5	6	5	1	1	11	***	***	***	2	1	0	0	0	0	0	0	0	0	0	0	1	3	8	2
19	12	6	6	8	10	6	7	7	***	1	1	0	0	0	0	0	0	0	0	0	0	0	15	12	4
20	11	3	3	3	5	14	25	23	19	23	25	17	14	2	0	0	0	9	7	7	8	6	5	4	10
21	2	1	0	0	1	2	4	5	9	11	11	8	7	6	7	8	8	11	2	10	9	7	4	6	6
22	2	1	0	0	0	1	1	2	6	7	6	6	9	9	5	4	4	5	4	9	11	11	11	8	5
23	4	1	3	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	2	0
25	3	5	9	8	8	17	***	***	***	10	1	0	0	0	0	0	0	0	0	0	0	0	7	9	4
26	9	16	10	8	5	7	14	19	***	2	1	1	1	3	***	***	18	14	10	9	5	6	8	13	9
27	3	2	2	3	5	13	19	14	17	19	17	13	11	10	9	9	7	9	8	6	4	4	3	3	9
28	3	2	2	2	2	4	7	9	10	9	5	5	5	6	3	1	2	8	9	8	9	11	11	7	6
29	5	3	1	1	1	1	2	4	8	10	13	15	13	13	12	12	14	14	15	15	18	16	12	6	9
30	3	2	2	2	4	12	3	2	2	20	26	16	14	17	19	23	23	18	18	20	12	1	1	0	11
31	8	5	4	4	5	13	30	33	29	***	10	8	11	13	12	11	12	9	9	7	5	7	5	3	11
MEAN	4	3	3	3	3	7	10	11	11	10	10	8	7	7	6	7	6	7	7	6	6	6	7	5	6.5

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - SEP 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	5	9	16	18	****	23	19	27	20	19	24	24	20	18	16	13	13	11	6	5	14
2	0	0	0	0	0	1	2	3	2	0	0	0	0	0	0	0	0	0	0	1	7	14	12	16	2
3	12	10	10	12	21	23	****	****	7	2	17	18	15	15	9	12	11	15	16	16	12	8	7	7	13
4	4	2	1	2	3	4	6	8	10	9	10	9	9	6	6	7	8	11	18	20	17	12	10	7	8
5	6	3	1	1	3	3	3	5	7	2	4	1	10	16	14	11	22	21	20	17	2	8	17	13	9
6	3	2	1	1	1	3	5	8	12	17	0	0	1	1	18	18	18	19	19	20	18	15	17	11	10
7	6	8	5	6	6	18	27	28	22	19	21	12	12	12	13	12	13	11	9	8	8	6	5	12	12
8	2	0	0	8	7	8	****	****	****	****	****	0	1	1	1	1	1	1	1	1	1	1	1	1	2
9	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	4	3	0	4	1
10	5	1	1	1	1	8	16	19	12	11	15	16	12	14	11	15	11	8	13	9	6	6	5	8	9
11	8	6	5	4	5	5	7	13	14	16	14	11	10	10	12	10	8	10	17	28	16	9	10	13	11
12	7	12	10	5	1	2	3	7	16	11	12	12	9	8	6	7	7	8	11	18	13	9	8	5	9
13	2	1	1	1	2	6	15	22	20	19	17	14	9	9	11	13	14	11	8	9	4	5	6	5	9
14	3	2	2	2	2	5	14	22	19	17	20	13	8	8	8	9	10	11	10	8	8	8	13	7	10
15	2	2	3	3	10	****	****	****	4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	15	14	18	11	3
18	6	3	1	1	1	2	5	15	11	14	10	13	3	6	11	13	18	20	16	14	9	4	5	5	9
19	5	4	2	1	1	1	2	3	5	10	15	9	9	8	8	7	8	10	14	10	9	5	12	6	7
20	3	1	1	3	4	10	19	24	22	16	19	12	16	17	19	19	19	13	1	4	4	8	7	9	11
21	6	5	3	2	4	12	21	26	****	****	****	22	****	0	1	19	17	12	10	9	8	7	7	6	10
22	8	6	6	6	7	12	16	14	16	15	14	12	13	10	11	13	13	13	12	10	12	14	21	20	12
23	8	7	5	3	8	4	13	16	14	12	11	7	****	9	10	15	14	11	12	11	11	12	10	7	10
24	3	3	3	3	8	20	35	43	31	28	29	27	28	30	34	32	29	26	26	20	15	13	16	19	22
25	10	11	6	5	6	7	10	12	19	17	17	17	15	11	11	10	13	14	16	11	0	0	0	0	10
26	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
27	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	12	15	16	8	3	3
28	5	3	2	2	3	0	0	0	0	0	0	0	0	0	1	25	21	17	17	12	14	13	14	11	7
29	8	8	7	7	9	15	22	25	20	17	15	13	12	11	13	16	15	14	12	10	11	12	10	9	13
30	5	2	2	3	5	16	31	37	15	3	3	1	1	1	1	1	0	0	1	1	1	10	5	3	6
MEAN	4	3	3	3	4	7	11	14	11	10	10	9	8	7	8	10	10	10	10	10	9	8	9	7	8.1

PERCENTAGE OF DATA VALIO - 97.8

PERCENTAGE OF OATA INVALID - 2.2

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - OCT 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	0	0	0	0	1	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	1	1	2	5	9	5	5	3	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
3	4	13	15	17	4	5	7	4	1	1	1	1	1	1	1	1	1	0	0	1	6	4	5	7	4
4	19	9	6	5	3	4	5	5	5	4	3	1	1	1	1	1	1	1	1	3	2	1	2	4	4
5	10	4	3	3	4	5	8	12	10	20	18	16	16	19	24	29	21	0	0	1	3	4	6	6	10
6	5	2	2	2	5	12	21	27	20	18	19	19	19	16	18	16	16	13	11	11	10	4	3	1	12
7	4	2	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	4	1	3	0	1
8	0	0	0	1	1	1	1	3	2	4	3	4	3	3	3	3	5	4	3	2	1	1	1	0	2
9	0	0	0	0	0	0	0	0	0	1	1	3	5	10	14	13	20	13	9	8	5	3	3	3	5
10	4	3	5	3	3	4	6	7	6	8	12	12	11	9	10	11	12	13	15	5	19	18	15	8	9
11	3	2	1	1	3	3	7	11	10	0	0	0	0	0	0	0	0	0	1	11	19	18	18	38	6
12	3	6	7	4	7	14	20	19	17	34	24	21	21	21	24	26	26	28	****	24	17	14	11	8	17
13	5	4	3	3	4	10	20	24	-	-	11	11	11	14	14	15	17	14	8	7	6	7	10	5	10
14	5	5	1	2	2	5	12	15	13	15	16	14	17	15	15	15	14	15	18	13	16	15	3	0	11
15	0	4	5	5	6	11	17	17	15	13	14	12	12	11	12	12	9	13	10	7	5	4	5	10	10
16	8	6	5	6	5	4	6	11	17	17	15	16	17	15	14	13	15	16	13	11	9	7	11	8	11
17	5	2	1	0	1	2	1	0	0	0	0	0	0	0	0	0	1	0	1	2	13	15	10	3	2
18	2	1	2	2	9	25	29	17	19	28	19	18	18	25	24	30	24	2	0	0	0	0	1	1	12
19	0	0	0	0	1	0	0	0	****	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
20	0	0	0	1	1	9	7	9	8	10	9	6	3	4	5	1	6	8	8	9	19	19	11	6	7
21	4	3	2	1	3	12	16	21	16	14	11	10	10	10	12	15	16	13	12	11	10	9	9	9	10
22	10	8	7	5	6	11	17	20	18	16	19	18	11	13	14	16	17	17	17	15	14	13	10	11	13
23	12	10	7	8	7	9	12	16	19	22	21	15	15	13	12	15	15	20	20	6	12	8	8	8	13
24	9	8	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	1	1	1	0	0	0	1	3	4	4	5	5	1	5	2	1	0	0	0	0	0	1	2	1	2
26	1	0	0	0	0	0	0	1	2	3	4	3	2	1	0	0	0	0	0	1	2	2	1	0	1
27	0	0	0	0	0	2	3	1	****	0	1	3	3	2	7	4	10	24	19	12	10	10	10	8	6
28	7	9	7	7	10	14	22	27	23	21	19	17	15	15	16	18	21	19	17	11	10	9	8	7	15
29	7	5	5	5	6	10	16	20	17	17	18	16	17	19	21	21	22	21	18	15	17	12	10	11	14
30	12	9	7	6	6	9	13	14	17	19	23	19	18	22	25	30	26	23	20	16	12	5	2	1	15
31	0	1	1	2	4	2	0	1	0	0	0	0	0	0	0	0	0	7	13	21	18	13	13	13	5
MEAN	5	4	3	3	3	6	9	10	10	10	9	8	8	9	9	10	10	9	8	7	8	7	6	6	7.2

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - NOV 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	6	2	2	1	4	19	33	37	30	30	2	0	1	25	18	18	21	22	22	14	15	14	17	15
2	10	9	7	7	10	20	19	33	***	***	25	25	20	22	20	20	21	21	17	14	12	12	10	11	17
3	14	8	7	7	7	8	15	30	33	-	25	19	13	14	16	20	23	20	16	16	17	19	30	28	18
4	10	11	9	8	8	9	5	7	10	11	5	2	2	18	19	21	24	24	24	18	13	12	10	11	12
5	9	8	5	6	7	9	17	29	31	24	20	23	20	18	22	24	19	15	14	17	19	17	11	11	16
6	12	8	5	5	4	4	6	9	9	10	12	11	12	12	12	12	15	16	14	13	9	6	6	10	
7	6	4	3	2	0	0	0	2	3	4	5	6	9	13	15	13	13	13	15	12	14	9	5	8	7
8	7	2	0	0	0	0	8	12	16	17	14	18	22	20	21	22	21	21	14	12	7	6	10	12	12
9	12	9	7	8	7	3	14	31	4	9	24	19	25	35	32	35	35	32	30	22	18	15	13	18	19
10	15	7	4	3	4	5	11	22	26	16	15	16	12	11	21	20	21	20	16	13	11	7	8	8	13
11	7	2	2	2	2	3	12	28	29	25	23	25	20	15	17	16	17	16	18	13	10	13	9	10	14
12	5	6	4	4	3	5	14	20	29	19	17	17	15	13	14	16	18	16	17	21	14	10	9	12	13
13	11	9	8	6	1	5	6	9	11	14	12	9	9	11	9	7	7	15	14	13	11	10	6	10	9
14	10	7	8	6	7	7	7	8	8	8	7	8	8	10	12	10	11	14	20	19	19	19	16	17	11
15	15	9	8	6	12	9	10	29	40	37	29	26	17	17	16	16	20	20	18	17	16	16	17	20	18
16	14	14	9	10	9	6	12	20	29	***	24	20	19	18	16	17	18	21	21	15	15	15	11	12	16
17	13	11	9	10	8	9	14	26	31	26	23	19	17	17	16	21	21	20	20	10	10	11	6	5	16
18	5	7	10	8	8	11	17	23	25	21	17	12	11	9	12	14	20	24	16	14	13	15	13	12	14
19	9	9	6	8	8	10	15	22	26	19	14	12	11	10	11	13	14	14	12	13	12	13	9	9	12
20	6	6	3	1	1	2	4	2	0	0	0	14	27	27	21	20	25	16	15	18	17	10	3	5	10
21	7	5	4	1	0	0	0	2	1	0	0	2	1	0	19	24	19	16	14	12	9	6	8	8	7
22	8	6	5	5	5	7	11	16	20	18	15	16	14	12	13	15	18	17	13	11	10	8	9	8	12
23	7	6	6	5	4	5	8	13	18	16	15	15	13	12	12	14	16	18	15	11	10	9	9	10	11
24	8	6	5	5	5	4	8	18	22	19	16	16	14	15	18	23	25	21	20	19	15	14	13	12	14
25	9	7	7	6	6	9	19	10	9	5	1	1	27	25	***	34	44	36	4	2	4	4	1	1	12
26	8	9	3	2	2	3	7	12	15	15	15	15	15	15	17	17	19	15	13	11	11	12	11	8	11
27	6	5	3	1	1	2	3	4	5	8	10	8	8	8	9	9	10	12	11	11	9	6	5	6	7
28	9	8	8	5	3	2	2	2	4	5	6	8	9	9	8	8	8	9	6	8	8	8	8	9	7
29	5	2	1	1	1	2	6	12	16	12	11	13	11	10	10	11	13	14	11	10	9	7	7	8	8
30	8	6	4	4	4	6	10	18	21	17	13	13	13	11	11	15	15	13	10	8	6	7	7	7	10
MEAN	9	7	5	5	5	6	10	17	18	15	15	14	14	14	16	18	19	18	16	14	12	11	10	11	12.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION															
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - DEC 76															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	6	5	5	4	3	4	10	25	38	37	16	5	3	18	21	23	20	16	13	11	10	11	10	11	14	
2	10	8	6	5	5	6	10	16	18	15	15	16	16	14	13	14	18	16	12	11	11	10	9	7	12	
3	7	7	2	8	2	0	0	3	13	44	42	34	32	23	25	30	38	45	16	8	10	4	0	1	16	
4	0	0	0	0	0	0	0	0	5	21	1	2	12	22	21	16	13	12	13	14	14	11	9	9	8	
5	8	7	6	5	3	3	4	4	4	5	10	12	11	15	14	16	17	18	19	20	21	18	18	25	12	
6	16	16	18	6	1	1	1	2	2	2	1	1	2	3	5	9	43	56	22	29	16	12	13	15	12	
7	8	9	7	9	8	11	15	22	30	26	27	21	19	22	24	22	21	22	18	14	11	13	13	9	17	
8	1	1	1	2	1	2	5	14	17	21	1	5	10	31	25	23	24	23	12	11	12	11	12	10	11	
9	8	6	4	5	5	7	10	18	5	2	3	3	3	5	7	9	34	30	16	2	2	4	5	7	8	
10	3	10	5	9	9	10	14	21	25	19	18	17	15	14	15	16	17	16	13	10	9	12	8	6	13	
11	4	3	3	3	2	3	6	8	10	12	14	19	18	19	18	17	17	18	17	17	15	12	10	11	12	
12	11	10	11	10	9	8	9	11	10	11	14	15	15	16	16	14	16	17	17	12	13	12	7	6	12	
13	4	3	2	2	2	3	7	18	22	20	22	22	15	13	21	25	34	25	22	18	17	19	18	20	16	
14	20	10	7	7	8	10	14	20	27	24	20	20	17	14	15	16	17	16	12	11	9	7	10	14	14	
15	12	10	8	9	8	13	18	24	26	21	18	21	18	32	32	37	43	61	42	71	85	89	73	53	34	
16	50	42	36	40	24	26	42	57	77	77	18	18	24	11	12	30	35	18	53	28	17	19	12	11	32	
17	10	5	8	9	10	11	15	19	25	24	25	22	17	19	19	21	20	20	15	14	16	12	8	11	16	
18	8	5	4	3	2	3	5	10	15	16	15	17	22	21	10	28	22	2	1	4	10	7	9	12	10	
19	5	8	8	9	6	7	11	10	13	12	12	11	13	15	15	16	17	21	34	21	10	6	7	16	13	
20	19	18	19	14	5	7	13	22	29	22	20	20	14	13	16	18	18	17	16	11	9	12	10	8	15	
21	6	4	3	3	3	5	9	17	23	16	17	16	13	12	16	15	17	16	10	8	11	10	5	7	11	
22	7	6	4	3	4	5	12	17	22	24	19	19	16	19	20	21	23	22	17	14	12	14	13	13	14	
23	9	8	6	7	8	9	15	18	24	18	18	17	24	30	9	1	4	19	21	13	10	8	6	7	13	
24	6	6	7	6	5	4	5	11	16	15	16	19	15	15	17	21	19	16	15	11	10	13	15	10	12	
25	9	9	7	5	5	5	4	4	5	8	10	12	11	10	12	12	12	10	7	8	9	10	11	10	9	
26	7	2	1	1	1	2	6	6	5	9	12	14	13	12	11	15	10	9	8	9	15	8	10	6	8	
27	6	3	1	1	1	1	1	3	4	8	18	26	21	16	14	15	19	23	18	4	2	3	3	10	9	
28	3	1	1	1	1	1	0	0	0	0	0	0	0	2	7	6	30	33	22	13	22	11	8	6	7	
29	22	15	7	6	6	7	9	15	20	19	18	17	16	13	13	15	15	13	11	9	7	8	9	9	12	
30	8	7	8	7	8	12	19	20	- ****	27	18	19	17	16	13	24	31	28	18	15	13	9	9	8	10	16
31	9	12	10	8	5	7	7	8	4	2	3	5	6	6	6	9	10	7	12	9	7	6	2	3	7	
MEAN	10	8	7	7	5	6	10	14	18	18	15	15	14	16	16	18	22	21	17	14	14	13	11	11	13.4	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	9.1	15	44
FEB	27	8.9	16	56
MAR	29	5.9	17	38
APR	30	7.1	15	39
MAY	31	6.2	15	51
JUN	30	5.4	13	37
JUL	30	7.1	17	38
AUG	31	6.6	16	33
SEP	30	8.1	22	43
OCT	31	7.4	17	38
NOV	30	12.4	19	44
DEC	31	13.4	34	89
YEAR	361	8.1	34	89

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	270	182	202	62	2	3	0	721
FEB	246	192	190	36	3	1	1	669
MAR	428	135	115	27	3	0	0	708
APR	349	142	190	29	3	0	0	713
MAY	437	122	125	43	4	0	1	732
JUN	447	111	133	14	3	0	0	708
JUL	387	154	133	48	9	0	0	731
AUG	401	143	149	39	1	0	0	733
SEP	312	143	208	34	6	1	0	704
OCT	395	108	192	42	2	0	0	739
NOV	124	202	297	75	16	1	0	715
DEC	154	186	280	85	17	9	11	742
YEAR	3950	1820	2214	534	69	15	13	8615

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.1	0	0.0	1.4	6.0	10.8	18.3	21.9	27.2	31.2	89	8.1



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - JAN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	1	2	2	1	0	1	6	5	4	3	3	4	4	5	7	8	6	4	6	5	3	2	2	4
3	1	2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	0	0	0
5	1	0	0	0	0	0	2	6	13	8	4	2	2	2	1	1	5	6	6	2	2	4	5	5	3
6	5	1	1	1	1	2	5	8	8	4	4	4	4	4	4	6	10	8	6	5	3	4	4	2	4
7	1	0	1	1	1	1	2	4	4	4	4	4	4	4	2	2	1	1	1	0	0	0	0	0	2
8	0	0	0	0	0	0	0	5	9	8	5	3	-	2	1	2	3	3	2	2	2	1	1	1	2
9	1	0	0	1	2	2	2	4	6	4	3	3	2	2	2	2	3	4	3	3	2	3	3	3	3
10	2	2	2	3	2	2	2	3	2	3	3	2	2	1	1	2	2	3	2	7	7	5	6	5	3
11	6	3	1	1	1	3	4	3	4	6	6	5	5	5	5	4	3	4	4	2	1	2	2	2	3
12	3	2	1	0	0	1	2	6	7	6	6	3	3	4	5	6	8	9	7	4	2	2	2	2	4
13	2	1	1	1	1	1	4	6	8	8	8	8	9	11	10	12	11	7	6	5	5	1	0	1	5
14	1	1	0	0	0	0	1	1	2	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	1	3	3	3	2	2	2	2	3	2	7	6	8	6	9	6	6	6	3
16	8	9	12	6	0	1	3	5	4	3	3	4	3	3	3	1	2	2	1	1	1	2	2	3	3
17	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	1	1	2	1
18	1	1	1	1	1	2	2	3	3	1	1	1	1	2	2	3	3	3	4	4	4	6	5	9	3
19	8	5	3	1	1	1	4	9	10	5	6	6	6	8	5	9	6	5	2	2	2	2	2	2	5
20	1	1	1	0	1	0	2	4	4	3	2	2	2	2	3	3	4	3	2	2	2	1	3	2	2
21	1	1	1	1	1	1	2	5	6	***	4	4	4	3	6	4	5	6	4	2	0	0	0	0	3
22	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	1	1	2	2	1	0	1	1
23	0	0	0	0	2	4	5	14	21	9	5	5	5	5	6	7	10	12	8	3	6	4	3	2	6
24	1	1	0	1	0	0	0	1	1	3	3	2	2	2	2	1	1	0	1	6	14	13	21	30	4
25	20	15	14	11	16	16	8	7	8	6	5	4	4	3	1	1	1	1	1	0	1	1	1	2	6
26	5	7	9	8	0	0	2	4	4	3	4	8	6	6	6	7	9	8	5	2	2	2	1	1	5
27	1	0	0	0	0	0	2	2	4	3	2	2	2	2	0	0	3	3	2	1	1	1	2	2	1
28	1	1	0	0	0	0	1	2	3	2	2	2	2	2	3	3	6	4	1	1	1	1	2	3	2
29	1	1	1	0	0	1	2	4	3	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
30	1	1	0	0	0	1	1	1	1	2	3	3	3	2	1	1	1	1	0	1	1	1	2	7	1
31	9	13	13	10	9	7	11	12	14	13	7	5	3	2	2	3	4	3	1	1	1	0	0	0	6
MEAN	3	2	2	2	1	1	2	4	5	4	3	3	3	3	3	3	4	4	3	3	3	2	3	3	2.8

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - FEB 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	1	1	1	1	1	2	1	2	2	2	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	1	3	3	2	1	1	1	1	1	1	2	1	1	1	0	0	1	1	1
3	1	0	1	1	1	1	3	5	6	3	2	3	3	2	1	2	3	5	6	4	2	4	7	7	3
4	5	6	4	0	0	1	2	2	2	***	1	1	1	1	1	2	1	0	1	1	2	2	3	3	2
5	2	1	1	0	0	0	1	1	1	2	2	3	4	4	6	5	5	3	4	4	5	5	5	7	3
6	8	10	8	7	5	4	6	10	11	5	5	3	1	1	1	1	3	3	1	1	1	0	0	0	4
7	0	0	0	0	0	0	1	2	2	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
9	1	0	1	1	1	1	6	12	15	12	8	4	2	2	3	5	6	3	1	1	0	1	0	0	4
10	0	0	0	0	0	2	3	4	3	3	2	1	1	1	2	1	2	2	1	0	0	0	0	0	1
11	0	0	0	0	0	0	1	2	2	***	2	1	1	1	1	1	1	1	0	1	0	0	0	1	1
12	0	0	0	0	0	1	3	7	8	6	3	2	1	1	1	2	2	2	1	2	4	4	2	0	2
13	0	0	0	0	0	0	1	3	5	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
14	0	0	0	1	1	0	1	1	2	2	1	1	0	0	0	0	1	2	5	2	2	6	7	8	2
15	3	6	1	0	1	3	3	2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	2	10	7	2	2	2	0	1	8	3	6	5	2	1	3	1	2	2	2
17	2	2	2	0	0	2	1	2	1	1	1	1	0	1	2	2	3	1	0	0	2	3	3	3	1
18	2	2	2	1	2	2	2	3	4	6	4	6	9	12	4	12	21	21	8	7	0	0	0	0	5
19	0	0	0	0	0	0	1	1	2	1	1	2	2	3	3	2	2	2	1	1	1	0	0	1	1
20	0	0	0	0	0	0	1	5	6	1	1	1	1	1	1	1	2	4	5	5	10	9	10	12	3
21	20	23	15	7	9	7	8	5	5	3	4	5	6	7	8	14	10	10	9	5	8	11	5	4	9
22	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	1	2	2	1	2	3	3	4	2	1	1	1	1	1	0	1
24	0	0	0	0	0	0	1	2	2	2	1	1	1	1	1	2	1	1	2	3	4	6	11	10	2
25	4	0	0	0	1	0	1	2	2	***	***	0	0	0	0	0	1	1	2	0	0	0	0	1	1
26	1	0	0	1	0	1	11	16	14	4	2	2	1	3	3	3	9	7	5	2	2	1	0	0	4
27	0	0	0	0	0	0	1	4	4	1	1	1	2	1	1	0	1	2	8	7	3	2	3	5	2
28	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	7	4	3	6	5	2
29	7	9	9	6	6	4	3	7	6	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MEAN	2	2	2	1	1	1	2	4	4	3	2	2	1	2	2	2	3	3	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	1	2	4	1	1	1	1	1	0	0	0	0	0	0	0	
2	0	0	0	1	1	4	3	4	6	4	4	4	3	3	2	2	1	1	1	1	2	1	1	1	2
3	1	2	2	3	4	1	2	6	2	4	3	2	3	4	4	4	7	5	2	3	2	1	2	3	3
4	3	4	3	6	4	3	11	7	7	9	6	6	4	3	2	***	2	2	2	2	1	2	3	4	4
5	7	6	7	5	6	9	7	21	24	28	5	1	1	1	0	1	1	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	2	3	1	1	0	0	1	0	1	1	1	1	1	1	1	0	2	1
9	9	3	1	0	0	0	4	11	8	6	5	4	2	1	1	1	1	1	0	1	1	1	1	2	3
10	1	2	2	2	1	1	2	6	7	6	6	6	6	5	3	4	12	9	4	2	0	0	0	1	4
11	0	0	0	0	0	0	1	3	3	1	0	0	0	0	0	0	0	0	0	0	2	1	4	3	1
12	6	2	1	1	1	2	2	3	2	2	3	3	3	5	6	8	13	8	22	16	7	1	2	2	5
13	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
15	0	0	0	0	0	0	1	3	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0
16	3	1	1	0	0	1	1	1	3	3	5	4	3	3	2	1	2	1	0	0	0	1	1	0	2
17	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	5	8	1
18	6	5	4	2	5	4	7	11	11	4	3	3	2	2	4	4	6	7	6	8	7	4	3	8	5
19	5	2	5	4	5	4	1	2	1	***	0	1	1	1	0	0	0	1	0	0	1	1	1	1	2
20	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	5	6	6	5	7	4	5	3	2	2	2	1	2	1	2	2	1	2
23	1	0	0	0	0	1	2	3	4	1	1	1	0	0	0	1	1	1	1	2	1	1	1	1	1
24	0	0	0	0	0	0	1	3	2	2	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1
25	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
26	4	3	5	3	4	4	15	21	11	9	8	6	4	5	7	11	10	9	5	4	11	8	9	9	8
27	6	13	15	14	7	5	1	1	1	1	1	2	2	2	0	1	0	0	0	0	0	0	0	0	3
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	1	6	6	1
29	7	4	4	4	3	1	2	2	3	3	1	1	1	1	1	1	1	2	3	3	2	3	5	9	3
30	7	4	3	3	3	3	5	6	8	7	7	4	4	4	3	6	1	3	5	4	6	8	1	2	4
31	2	1	0	0	0	0	2	5	3	4	5	7	7	14	13	15	17	10	5	4	3	3	1	2	5
MEAN	2	2	2	2	1	1	2	4	4	4	2	2	2	2	2	2	3	2	2	2	2	1	2	2	2.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - APR 76													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	0	0	0	0	1	4	5	4	2	1	1	1	1	1	2	2	2	1	2	1	1	1	1		
2	1	1	0	0	0	0	3	4	1	0	0	0	0	0	0	0	1	1	1	2	1	1	2	1		
3	1	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0		
4	0	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1		
6	2	0	0	0	0	1	4	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2		
7	1	2	1	0	0	0	0	0	0	0	1	1	3	3	1	0	3	1	0	0	0	0	0	0	1	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9	1	0	0	0	0	0	0	1	4	2	2	1	2	1	1	2	0	0	0	2	4	4	1	2	1	
10	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	1	0	0	0	0	3	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	0	1	
13	1	1	0	0	0	0	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	
14	2	0	0	0	0	1	2	9	6	2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	
15	0	0	0	0	0	0	0	4	4	1	0	0	0	0	0	0	1	1	0	0	1	1	1	0	1	
16	2	6	2	3	2	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	
17	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	
18	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
19	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
20	1	3	3	0	0	0	0	2	9	4	1	1	3	3	2	3	4	1	2	3	2	6	5	4	3	
21	7	5	4	7	5	2	5	5	6	5	4	5	14	8	8	7	8	6	2	6	16	17	6	9	7	
22	6	4	1	0	0	0	1	1	1	***	1	1	1	1	0	0	1	0	1	1	1	0	1	1	1	
23	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	3	4	7	1	1	1	
24	1	1	4	3	1	1	3	3	1	2	3	2	3	1	3	8	6	2	5	6	6	2	3	6	3	
25	11	6	3	2	1	1	0	2	2	3	1	2	6	2	4	3	5	5	1	0	0	0	0	0	3	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
27	0	0	0	0	0	2	4	2	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	
28	0	0	0	0	0	4	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
29	0	0	0	0	0	4	4	5	2	1	1	1	0	0	0	1	0	0	0	0	2	2	2	2	1	
30	1	0	1	0	3	10	16	12	2	2	1	3	2	2	1	2	1	1	2	3	3	1	3	1	3	
MEAN	1	1	1	1	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - MAY 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	2	0	0	4	4	2	3	4	6	1	1	1	2	2	1	1	1	1	2
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	1	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	2	****	****	3	2	3	2	1	1	1	2	0	1	2	1
7	0	6	7	4	0	0	0	0	0	0	1	1	1	1	1	1	1	2	8	12	18	13	5	2	4
8	2	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	17	12	2
10	6	11	6	8	10	15	9	6	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	3
11	0	0	0	0	0	1	5	6	2	2	2	2	1	4	1	0	0	1	1	0	0	0	0	0	1
12	0	0	0	0	0	1	5	2	0	1	1	0	0	0	0	0	0	0	0	0	0	3	2	2	1
13	0	0	0	0	0	1	1	1	1	1	1	2	0	1	0	1	1	1	0	0	0	2	0	1	1
14	1	4	1	0	1	1	8	12	****	1	1	1	2	2	3	2	2	1	1	2	3	2	10	6	3
15	8	8	5	5	7	4	9	9	8	5	4	2	1	1	1	1	2	2	0	1	1	1	1	5	4
16	2	1	1	3	0	2	3	1	2	3	2	4	7	9	5	5	5	6	16	11	21	10	2	1	5
17	1	1	0	1	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
18	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
19	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	1	2	4	****	3	3	1	1	1	1	1	1	1	1	1	2	1	1	0	1
21	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	0
22	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
23	4	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1
24	0	1	1	0	0	1	0	0	1	1	2	0	2	3	1	1	1	1	2	3	1	2	4	3	1
25	1	2	1	0	2	7	11	9	2	3	1	2	2	3	2	3	2	2	3	3	4	2	1	1	3
26	1	0	1	1	1	1	3	3	1	1	2	2	3	1	1	1	2	3	1	3	4	6	9	8	2
27	4	2	2	1	2	6	7	4	2	3	5	1	0	0	0	0	0	0	0	3	2	1	4	3	2
28	3	3	1	3	3	4	5	4	****	5	4	3	2	1	2	3	0	0	0	1	3	0	2	2	2
29	1	1	0	0	0	2	1	0	3	5	2	1	0	1	0	0	0	0	0	0	0	1	2	2	1
30	3	1	1	0	0	1	1	2	4	3	4	3	4	3	3	3	1	0	3	5	2	0	1	1	2
31	1	1	1	0	3	5	6	8	6	10	9	6	9	11	6	9	17	11	16	14	15	15	16	10	9
MEAN	1	1	1	1	1	2	3	3	1	2	2	1	1	2	1	1	1	1	2	2	3	2	3	2	1.7

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	1	1	0	1	1	2	4	2	2	2	2	1	3	2	1	2	2	1	10	19	28	4
2	30	11	5	5	12	21	6	7	2	3	4	2	2	1	1	2	2	1	2	0	2	17	18	12	7
3	14	19	18	13	15	20	23	17	8	2	1	1	0	0	1	2	1	1	0	3	4	16	22	19	9
4	17	21	11	11	9	8	4	5	3	5	2	3	2	2	3	2	2	1	0	2	4	8	12	6	6
5	10	11	7	11	10	9	5	3	4	3	2	1	2	1	2	1	1	0	0	2	10	12	15	5	5
6	21	12	7	8	5	6	5	1	1	1	0	0	0	0	0	0	0	0	****	0	0	0	0	2	3
7	1	1	1	****	0	1	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	****	1	1	0
8	1	1	0	0	0	2	3	2	2	1	0	0	0	0	0	0	0	0	0	0	1	2	3	2	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
10	1	1	1	0	0	1	1	1	1	0	1	0	1	0	0	1	1	0	0	1	0	1	1	1	1
11	0	0	0	0	****	1	1	1	0	0	0	0	1	1	0	1	1	1	0	0	0	1	1	1	0
12	1	1	1	2	4	4	3	3	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	5	2
13	8	3	1	1	0	1	1	1	1	2	1	1	1	1	1	0	0	1	0	1	0	1	1	1	1
14	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	0	1	1	1	1	1	1	1	1	1	1	3	2	3	1	0	0	0	1	1	1	2	1
17	1	1	0	0	0	1	1	2	2	1	1	0	0	1	1	1	2	1	1	2	10	11	8	13	3
18	5	9	7	4	4	7	11	10	9	8	4	2	1	1	1	0	1	1	1	1	5	6	6	4	5
19	2	1	2	1	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	1	0	1
20	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	****	1	1	7	12	7	6	2
21	1	0	1	1	0	2	5	4	2	1	1	2	2	1	1	1	1	1	0	0	1	1	2	2	1
22	1	1	1	1	1	2	3	5	2	1	1	0	1	1	0	0	0	0	****	****	1	****	0	0	1
23	4	3	0	0	1	5	4	6	2	2	1	0	0	1	1	1	1	0	0	0	0	0	2	2	2
24	2	1	1	1	2	7	8	9	2	1	1	1	1	2	2	2	3	1	1	2	2	2	2	0	2
25	1	0	0	0	0	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	0	1
26	0	0	0	****	****	0	1	1	1	1	0	0	0	0	0	0	****	0	0	0	1	2	7	1	1
27	2	3	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	1
28	1	0	0	0	0	1	2	3	1	0	1	1	1	3	2	2	1	2	1	3	1	1	2	3	1
29	2	1	1	1	1	2	3	2	2	3	2	2	1	1	2	2	1	1	1	1	1	1	3	4	2
30	3	2	2	1	1	2	4	3	****	5	5	5	3	2	3	3	1	1	1	1	1	3	2	1	2
MEAN	5	4	2	2	3	4	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	4	5	4	2.2

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - JUL 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1
2	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	1	1	1
3	1	1	0	0	0	0	1	1	1	1	1	1	1	4	2	2	2	1	0	1	1	1	0	2	1
4	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	12	9	2
5	4	4	2	1	1	7	11	5	3	1	1	0	0	0	1	1	0	1	1	1	1	2	3	2	2
6	5	2	2	3	3	7	11	7	2	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	3
7	0	0	0	0	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
8	0	0	0	0	1	2	3	3	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
9	1	1	1	1	2	7	11	***	0	0	0	0	0	1	0	1	0	0	1	1	1	0	1	3	1
10	6	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	1	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0	1	1	0
14	1	0	0	0	1	3	6	5	4	3	3	1	1	1	2	3	2	1	1	2	4	3	3	2	2
15	3	1	1	2	4	12	15	10	6	5	3	1	2	1	1	1	1	1	1	2	1	1	1	3	3
16	4	1	1	1	1	2	5	6	***	4	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2
17	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1
18	1	0	0	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	1	2	1	1	1	1	1
19	0	0	0	1	1	1	2	3	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
20	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
21	1	1	1	1	1	1	2	2	5	4	3	2	2	1	2	2	1	1	4	9	6	4	1	2	2
22	3	1	1	5	7	6	10	7	8	***	4	3	3	4	7	4	3	3	4	4	3	2	3	2	4
23	2	1	1	2	3	7	11	18	4	9	7	9	12	9	6	2	4	4	2	1	4	11	1	1	5
24	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	0	0	0	0	0	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	1	2	4	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	2	4	2	1	0	0	0	0	0	0	0	0	0	0	3	3	1	1	1
28	0	0	0	0	0	6	12	1	2	5	3	2	2	2	2	1	1	2	3	3	5	4	4	4	3
29	3	2	3	7	8	3	4	7	6	5	7	8	5	2	2	3	3	3	1	1	1	1	1	1	4
30	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
31	1	1	1	1	1	1	1	2	2	3	4	4	4	1	1	1	1	1	1	2	2	2	2	2	2
MEAN	1	1	1	1	1	3	4	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - WC NO 29025					BARTON/WENTWORTH HAMILTON							MONTH - AUG 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	7		
2	4	1	1	1	1	1	2	2	1	2	2	2	1	1	1	1	1	1	1	1	3	11	13		
3	9	7	3	2	2	7	12	11	5	3	3	2	1	1	1	1	1	1	2	1	2	1	3	1	
4	0	0	0	0	0	2	5	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
5	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	5	3	2	
7	1	2	6	4	5	5	4	5	4	2	4	4	1	1	1	1	2	1	1	2	4	3	3	1	
8	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	7	7	4	2	
9	1	1	1	1	1	1	2	4	4	2	2	2	5	11	9	14	4	2	4	2	3	3	3	5	
10	6	2	1	2	2	7	17	15	6	3	3	2	1	1	1	1	1	1	0	1	6	4	1	4	
11	1	1	1	1	1	2	4	5	5	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	
12	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	1	1	1	1	1	2	2	2	1	
13	1	1	1	1	1	1	2	2	***	2	2	2	1	1	1	1	1	1	1	2	3	4	4	5	
14	3	2	2	1	2	2	2	2	2	2	3	3	2	2	3	2	3	1	1	2	2	2	2	2	
15	1	1	1	1	1	1	1	1	1	1	2	1	0	0	0	0	1	1	1	1	2	2	2	1	
16	0	0	0	0	0	3	11	6	3	1	0	0	0	0	0	0	0	0	***	***	1	2	1	1	
17	0	0	0	0	0	2	4	4	5	4	1	0	0	0	0	0	0	0	0	0	3	1	2	1	
18	3	2	1	1	3	9	26	22	8	5	4	3	5	5	1	2	0	0	1	7	3	2	9	18	
19	18	12	17	11	10	17	30	14	6	7	6	3	2	0	0	1	1	1	2	4	6	12	20	17	
20	10	4	4	2	2	2	7	5	5	3	1	1	0	1	1	1	1	1	1	1	1	2	2	3	
21	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	
23	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	
24	1	3	2	1	1	3	7	4	1	3	2	2	1	2	2	3	1	2	2	5	7	5	8	16	
25	18	11	5	3	3	9	24	26	14	5	6	2	1	1	1	1	1	0	1	1	1	8	12	14	
26	17	14	5	4	4	7	21	17	18	7	3	1	1	2	1	2	1	1	1	0	0	1	1	5	
27	1	1	1	1	1	2	5	6	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1		
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	
30	1	0	0	0	0	3	8	7	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	4	
31	4	2	2	2	1	8	19	15	8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3	
MEAN	3	2	2	1	1	3	7	6	4	2	2	1	1	1	1	1	1	1	1	1	2	3	3	4	

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	2	3	1	2	2	5	2	2	3	7	7	3	2	0	0	0	0	0	2
2	0	0	0	0	0	1	1	2	4	4	1	1	1	1	0	1	1	2	4	7	9	6	7	4	2
3	4	5	7	4	4	13	27	10	3	3	2	1	1	1	1	1	1	1	0	0	0	1	1	1	4
4	0	0	0	0	0	0	0	0	0	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	*****
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
6	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	4	6	0	1
7	1	0	0	0	1	5	7	4	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	3	10	5	-	1	0	1	5	1	0	1	1	1	1	1	1	1	7	3	2
9	1	1	2	2	2	8	12	11	4	11	12	4	3	1	1	1	1	1	1	1	2	3	1	1	4
10	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	0	0	1
11	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	5	3	7	12	18	2
12	12	14	2	1	1	1	4	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
13	0	1	1	1	1	2	4	3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
14	1	0	0	1	1	1	6	5	3	2	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1
15	0	1	1	1	1	1	6	14	***	3	1	2	1	1	1	1	1	1	1	1	1	2	1	1	2
16	1	1	1	3	4	4	6	7	7	6	7	9	11	10	9	9	9	6	5	6	6	5	5	5	6
17	4	4	5	4	4	3	5	5	6	7	7	7	8	7	6	7	6	6	8	11	7	7	9	7	6
18	3	2	1	1	1	4	9	4	3	1	1	1	1	1	2	0	1	1	1	2	1	1	1	1	2
19	2	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1
20	0	1	1	1	1	2	3	4	2	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	5	9	8	6	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	2
22	0	0	0	0	0	1	1	2	1	1	1	1	1	1	2	3	2	1	0	1	4	5	4	2	1
23	1	0	2	1	1	4	5	3	1	***	***	1	1	1	1	1	1	1	3	3	5	4	5	2	2
24	1	0	0	0	1	7	19	13	7	3	1	1	1	1	1	1	1	4	4	3	2	1	4	3	3
25	2	1	1	0	0	1	2	2	2	1	1	0	0	0	0	0	0	1	2	1	0	0	0	0	1
26	1	3	4	5	6	7	7	1	4	6	5	6	2	1	1	0	3	1	0	0	0	0	0	0	3
27	1	1	1	1	5	3	5	4	5	4	2	1	1	2	4	4	6	7	10	20	13	10	3	1	5
28	1	0	0	0	0	1	1	1	1	0	1	1	1	0	1	2	1	2	4	3	2	2	2	2	1
29	0	0	0	0	0	1	3	4	***	2	1	1	0	0	1	1	1	0	1	1	1	1	1	0	1
30	0	0	0	0	1	5	18	21	16	5	6	4	2	5	4	3	2	4	4	11	9	10	13	18	7
MEAN	1	1	1	1	1	3	6	5	3	3	2	2	2	1	1	2	2	2	2	3	2	3	3	2	2.2

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	12	1	4	1	5	4	7	11	10	6	4	3	1	5	9	6	4	5	6	2	5	3	0	5
2	1	5	8	3	6	7	6	7	6	10	8	10	6	1	2	1	0	1	0	1	3	18	39	22	7
3	14	26	23	16	5	3	5	3	0	0	0	0	1	1	1	1	1	1	1	3	11	23	31	35	9
4	33	33	20	20	18	21	23	24	19	15	11	8	6	4	5	4	4	4	8	11	1	14	19	14	14
5	15	23	16	9	9	19	39	42	11	2	1	2	***	1	1	2	2	1	2	8	10	5	1	1	10
6	0	0	0	1	1	2	5	5	3	4	5	5	3	2	3	5	3	2	1	2	1	0	0	0	2
7	0	0	0	0	0	0	0	1	1	0	0	0	4	8	12	3	1	0	0	0	0	0	0	0	1
8	0	0	0	0	0	1	2	3	2	3	4	4	3	2	2	4	6	5	3	2	1	1	1	1	2
9	1	0	0	1	2	2	4	5	2	1	0	0	0	0	0	0	5	2	1	1	2	1	2	2	1
10	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	8	4	3	3	1
11	2	1	2	2	3	4	7	9	7	4	3	2	1	1	1	1	2	3	10	5	12	25	26	36	7
12	27	20	25	22	24	32	60	62	24	5	3	2	2	1	4	3	5	3	4	3	3	2	1	0	14
13	0	0	0	0	0	0	3	3	2	1	1	1	0	0	0	2	1	0	0	0	1	0	0	0	1
14	0	0	0	0	0	1	3	3	2	1	0	1	1	1	1	1	2	2	3	4	5	6	4	4	2
15	6	1	0	0	0	1	2	2	2	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	1
16	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0
17	3	1	1	0	0	0	0	0	0	0	0	0	1	2	3	3	1	0	0	0	0	1	1	0	1
18	0	0	0	0	1	8	21	15	5	2	2	0	0	1	2	2	0	0	0	0	0	0	3	1	3
19	3	4	2	1	1	5	9	13	11	10	9	4	2	2	7	13	10	6	6	8	2	2	2	1	6
20	1	1	2	4	1	2	2	3	6	12	10	9	12	8	5	3	5	5	8	6	7	7	4	2	5
21	0	0	0	0	0	1	3	2	2	2	2	1	1	1	2	5	3	1	1	1	1	1	1	1	1
22	0	0	0	0	0	1	2	3	3	2	2	2	2	1	2	3	2	2	2	2	2	2	2	2	2
23	2	1	0	0	0	1	2	3	4	5	3	2	2	1	1	3	3	7	16	13	7	6	8	7	4
24	14	15	8	2	5	5	3	2	3	3	3	4	3	2	2	1	4	3	4	4	8	6	7	8	5
25	2	2	1	1	1	1	2	4	6	8	7	7	5	7	1	1	1	0	0	0	0	0	0	0	2
26	0	0	0	0	0	0	1	2	2	3	4	4	4	2	0	0	0	0	0	0	0	1	0	0	1
27	0	0	0	0	0	3	11	9	0	1	0	0	0	0	0	0	0	0	0	3	6	7	5	3	2
28	1	1	0	0	0	2	5	6	4	3	3	3	***	2	2	2	3	2	2	1	1	1	1	0	2
29	0	0	0	0	0	1	2	3	3	3	2	2	2	2	2	3	3	3	2	2	3	1	1	1	2
30	4	1	0	0	0	1	2	3	4	5	5	4	4	6	7	6	6	5	5	7	6	5	5	4	4
31	5	4	4	7	4	2	0	1	1	0	0	0	0	0	0	0	0	0	0	1	2	3	3	3	2
MEAN	5	5	4	3	3	4	7	8	5	4	3	3	2	2	2	3	3	2	3	3	3	5	6	5	3.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



	POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - NOV 76												
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	4	4	5	1	3	8	13	16	9	2	1	1	0	1	2	3	4	21	19	8	8	15	13	7
2	13	14	12	9	9	10	12	23	15	8	7	6	6	7	7	6	5	4	2	2	2	2	2	4	8
3	3	1	1	0	0	1	4	8	9	5	5	3	2	2	2	4	10	6	9	13	23	33	35	23	8
4	24	28	24	3	3	9	31	48	19	16	11	5	5	4	4	6	8	9	7	5	4	4	3	3	12
5	2	2	1	1	1	1	6	12	11	7	5	5	6	5	4	4	10	6	4	5	6	6	3	4	5
6	3	2	1	0	0	0	1	2	2	2	2	2	2	2	2	2	2	3	4	3	2	3	3	4	2
7	3	3	1	0	0	0	0	0	0	0	1	1	2	2	0	0	0	3	3	2	1	1	1	1	1
8	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	2	3	3	4	5	1
9	2	1	0	1	0	1	5	8	8	8	6	6	7	8	9	11	16	18	10	7	4	5	12	16	7
10	10	3	1	2	1	1	4	7	10	3	3	3	2	2	2	2	4	2	2	3	4	2	3	2	3
11	0	1	0	0	0	0	3	8	9	6	1	1	3	2	2	3	5	5	5	4	5	4	2	3	3
12	3	2	1	1	0	1	5	15	11	5	3	1	1	2	2	3	5	7	4	4	3	3	2	2	4
13	2	1	1	0	0	0	0	1	1	1	1	1	2	1	1	1	1	2	2	2	3	1	1	1	1
14	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	4	5	5	4	3	2	2	2
15	1	1	1	1	1	3	7	13	16	11	7	4	3	2	3	3	4	5	9	10	9	15	16	9	6
16	13	12	8	3	3	4	10	15	15	9	4	3	2	2	2	2	6	6	5	2	2	1	1	1	5
17	1	1	1	1	1	1	3	7	10	5	4	5	4	4	4	5	5	5	4	1	1	2	1	1	3
18	1	2	1	1	1	1	3	6	9	4	4	2	1	2	3	4	6	7	3	3	2	3	3	3	3
19	1	1	1	0	0	1	2	6	9	5	4	2	2	1	1	2	3	4	4	4	3	2	2	2	3
20	2	2	1	1	1	1	1	1	1	0	1	0	0	0	0	1	0	2	3	3	3	2	2	2	1
21	2	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	0	1	1	0	0	0	1
22	0	0	0	0	0	0	1	2	3	3	3	3	2	3	5	4	4	3	1	1	1	1	1	1	2
23	0	0	0	0	0	0	1	2	4	3	2	2	1	2	2	2	4	3	1	1	1	1	2	2	2
24	2	1	1	0	0	0	2	4	7	6	4	4	2	3	3	5	8	11	6	10	6	5	4	3	4
25	2	1	1	1	1	1	5	10	14	13	14	15	***	8	8	11	14	15	12	13	12	16	16	29	10
26	23	2	0	0	0	0	1	2	2	2	2	2	2	2	2	3	4	3	1	1	2	2	2	1	3
27	1	1	1	0	0	0	1	1	1	1	1	1	1	2	2	2	2	3	3	2	3	2	2	2	2
28	3	3	2	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	1	2	3	3	3	2	1	2	2	2	4	4	2	2	1	1	1	1	2
30	1	1	0	0	0	0	3	5	6	5	3	2	2	2	2	3	5	6	2	2	1	1	2	1	2
MEAN	4	3	2	1	1	1	4	7	7	5	3	3	2	3	3	3	5	5	5	4	4	4	5	5	3.7

PERCENTAGE OF OATA VALIO - 99.9

PERCENTAGE OF OATA INVALID - 0.1

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

HOUR OAY	POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - DEC 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	0	0	0	2	8	14	****	7	5	9	6	8	10	9	5	2	2	3	4	2	3	4
2	1	2	1	1	0	0	2	6	6	3	0	0	0	0	0	1	3	4	5	3	3	2	1	2	2
3	1	1	1	0	1	1	1	10	29	19	14	8	8	6	5	5	15	12	6	6	6	6	5	4	7
4	3	2	1	1	2	3	5	7	7	12	12	6	2	4	7	7	6	5	4	4	3	3	2	5	5
5	2	3	1	1	1	1	1	1	1	2	2	2	2	3	3	4	6	5	8	7	8	5	7	7	3
6	6	8	7	4	3	2	8	18	27	25	21	23	14	23	28	30	32	9	7	12	5	2	2	3	13
7	3	3	1	1	1	2	7	2	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	0	1
8	0	0	0	0	0	0	0	1	4	2	0	1	7	8	4	6	8	4	1	2	2	1	1	1	2
9	0	0	0	0	0	0	1	5	5	4	5	5	5	****	7	9	9	11	15	9	7	9	12	18	6
10	18	22	18	18	9	1	3	4	4	2	1	2	1	2	2	2	2	2	1	1	1	1	1	0	5
11	0	0	0	0	0	0	0	1	1	1	2	3	2	3	4	4	5	5	5	3	3	2	2	2	2
12	3	3	4	2	2	2	2	2	2	3	3	3	4	3	4	3	3	4	3	2	1	1	0	0	2
13	0	0	0	0	0	0	0	2	4	3	0	0	0	1	1	2	8	8	5	6	6	8	5	5	3
14	5	2	1	1	1	1	3	5	5	3	3	3	2	2	1	2	2	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	4	7	11	9	6	5	5	7	7	9	10	17	31	30	26	52	36	81	15
16	76	56	35	34	29	21	28	40	32	26	16	11	15	10	21	10	15	16	18	12	10	7	4	3	23
17	2	1	1	1	1	1	1	4	8	9	7	7	6	5	4	4	4	4	2	2	2	3	1	1	3
18	2	3	1	1	0	0	0	0	1	2	1	0	0	0	0	1	6	3	6	8	7	5	4	6	2
19	9	12	17	26	15	12	9	7	5	4	4	2	3	3	2	2	3	7	8	14	25	29	10	18	10
20	24	23	17	13	14	8	3	7	6	3	5	5	6	4	3	2	3	3	1	1	1	0	0	0	6
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	1	1	1	1
22	1	0	0	0	0	0	1	3	5	6	3	3	4	5	4	5	7	5	3	3	3	3	3	2	3
23	2	1	1	1	0	1	3	4	6	4	3	4	4	4	5	1	0	0	3	3	2	2	1	1	2
24	1	1	0	0	0	0	1	2	3	4	5	5	5	3	3	6	5	5	5	4	4	4	3	3	3
25	3	3	2	1	1	1	1	1	1	1	2	2	1	1	2	1	2	2	2	2	3	3	4	4	2
26	2	0	0	0	0	0	0	1	1	1	2	2	1	1	1	0	1	1	1	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	0	0	1	1	1	2	4	1
28	2	1	1	1	0	0	1	2	2	5	3	2	4	3	2	3	5	4	3	5	8	10	7	6	3
29	5	2	1	0	0	0	2	2	6	4	3	2	2	3	3	3	3	3	1	1	1	1	1	2	2
30	1	1	2	2	1	1	3	8	9	7	7	7	6	6	7	12	13	11	10	8	6	5	4	3	6
31	2	2	1	0	0	0	0	1	1	2	2	3	2	2	1	1	1	1	2	1	1	1	1	0	1
MEAN	6	5	4	4	3	2	3	5	7	6	5	4	4	4	5	5	6	5	5	5	5	6	4	6	4.6

PERCENTAGE OF OATA VALIO - 99.7

PERCENTAGE OF OATA INVALID - 0.3

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES O



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.8	6	30
FEB	29	2.1	9	23
MAR	31	2.2	8	28
APR	30	1.1	7	17
MAY	31	1.7	9	21
JUN	30	2.2	9	30
JUL	31	1.6	5	18
AUG	31	2.3	9	30
SEP	29	2.2	7	27
OCT	31	3.8	14	62
NOV	30	3.7	12	48
DEC	31	4.6	23	81
YEAR	365	2.5	23	81

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	623	94	21	3	0	0	0	741
FEB	611	63	15	3	0	0	0	692
MAR	651	68	18	5	0	0	0	742
APR	686	27	6	0	0	0	0	719
MAY	677	42	19	1	0	0	0	739
JUN	638	35	28	7	0	0	0	708
JUL	696	32	11	0	0	0	0	739
AUG	667	37	31	6	0	0	0	741
SEP	618	62	21	2	0	0	0	703
OCT	605	76	34	16	8	1	2	742
NOV	582	79	45	9	3	1	0	719
DEC	569	103	38	21	7	0	4	742
YEAR	7623	718	287	73	18	2	6	8727

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.4	0	0.0	0.0	0.7	1.9	6.0	9.2	15.2	20.7	81	2.5

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	*****
23	1	1	1	0	0	1	1	1	1	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	1	1	3	3	5	3	3	1
25	1	1	2	3	2	5	7	7	4	1	1	1	2	2	1	2	2	2	2	2	1	2	2	2	2
26	1	0	1	1	1	3	6	7	7	****	****	1	1	2	2	2	1	1	1	1	0	1	3	3	2
27	2	5	3	2	1	1	2	3	6	7	5	2	2	2	2	2	1	1	1	1	0	0	2	3	2
28	1	0	8	16	9	6	6	9	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	3
29	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	1
30	7	3	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	0	1	1	1	3	6	7	6	3	2	3	****	****	2	5	5	4	4	5	11	9	11	9	5
MEAN	2	1	2	2	2	2	3	4	3	2	2	1	1	1	1	2	1	1	1	1	2	2	3	3	1.8

PERCENTAGE OF DATA VALID - 33.3

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 66.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	1	0	0	1	3	4	4	3	2	3	4	5	7	5	6	4	5	7	4	3	2	8	3
2	14	11	7	5	2	3	10	8	2	1	1	1	2	2	2	2	2	1	1	1	3	5	7	10	4
3	22	11	12	4	3	4	32	32	17	8	5	4	3	3	2	2	2	1	1	1	3	11	21	23	9
4	6	4	5	1	2	2	8	***	2	1	1	2	1	1	1	1	1	1	1	1	1	2	5	3	2
5	5	8	15	5	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	0	1	8	13	15	4
6	20	23	18	12	2	1	1	1	1	1	1	1	20	29	14	11	2	1	1	1	1	1	1	0	7
7	0	0	0	0	0	0	2	1	1	1	1	1	0	0	1	1	1	0	0	0	0	1	1	0	0
8	1	0	0	0	0	0	1	3	3	5	3	2	1	1	1	1	1	1	1	1	0	1	7	1	1
9	10	13	1	0	0	1	1	4	12	4	***	1	1	1	1	1	1	1	1	0	1	4	7	2	3
10	2	0	0	0	0	0	2	7	5	3	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1
11	0	0	0	0	0	1	4	4	7	3	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	2	3	0	0	1	0	1
14	0	0	0	0	0	1	4	7	4	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
15	1	2	0	0	0	1	2	5	4	3	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	1	2	5	2	1	1	2	3	3	4	2	2	2	2	1	2	4	3	2
17	1	0	0	0	0	1	3	5	3	1	5	3	1	2	2	1	1	1	1	1	1	3	9	21	3
18	6	4	8	2	5	6	10	5	1	1	0	1	0	1	1	1	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	1	0
20	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	3	12	9	1
21	1	1	0	0	0	0	1	2	3	1	1	1	2	2	1	1	1	1	0	0	0	1	1	1	1
22	2	3	1	0	0	0	0	0	5	11	8	4	5	2	0	1	1	0	0	0	0	0	0	3	2
23	1	0	0	0	0	0	0	0	3	8	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1
24	1	1	1	0	0	0	0	0	1	4	5	4	1	1	1	1	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1
27	2	3	4	4	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	2	2	2	1	2	2	3	3	3	2	3	3	3	2	2	2	2
29	0	0	1	1	1	1	4	8	5	2	2	1	1	1	1	2	2	3	1	1	1	1	2	2	2
30	2	1	3	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1
MEAN	3	3	3	1	1	1	3	4	3	3	2	1	2	2	2	2	1	1	1	1	1	2	3	4	2.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - JUL 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	2	2	1	1	
2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	2
3	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	3	3	3	3	5	5	4	3	2
4	2	1	1	1	1	2	2	2	1	2	1	2	1	1	1	1	1	1	1	1	0	4	6	3	2
5	5	6	8	6	5	7	7	5	2	5	5	3	2	1	1	1	1	1	1	1	1	1	1	3	3
6	9	5	1	1	5	8	8	22	14	7	3	3	2	1	1	1	1	1	1	1	1	1	1	1	4
7	1	1	1	1	1	2	3	3	3	3	2	2	1	1	2	1	1	1	1	4	3	2	1	2	2
8	2	2	1	1	1	1	3	6	5	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2
9	2	2	1	1	1	2	5	6	3	4	4	3	***	2	2	2	3	2	1	1	0	1	1	2	2
10	2	4	5	2	1	1	1	2	2	2	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11	- DATA INVALID -																								
12	***	***	***	***	***	***	***	1	0	0	1	1	6	6	7	9	9	5	1	0	1	1	***	***	***
13	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	2	4	7	6	3	3	2	2	1	3	5	3	2	4	3	1	1	0	2
15	1	2	1	2	3	8	8	5	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	1	***	6	2	2	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	3	1	1
18	2	1	1	2	2	1	1	2	3	3	2	2	1	1	1	1	1	1	1	1	2	6	7	3	2
19	2	1	1	1	1	1	2	3	7	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2
20	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	4	3	2	1	1	2	2	2	3	3	2	1	2	7	15	9	4	3
22	5	4	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	1	2	1	1	1	1	2
23	1	0	0	0	1	3	7	8	5	3	***	4	3	2	2	2	1	1	1	0	3	2	1	1	2
24	2	3	2	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1
25	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
26	3	5	8	10	4	5	6	6	4	3	2	1	1	1	1	1	1	1	0	0	0	0	0	0	3
27	0	0	0	0	0	0	5	1	1	1	1	2	1	1	1	1	1	1	0	0	1	2	2	1	1
28	0	0	0	0	0	0	2	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	4	3	2	2	1	1	1	1	1
30	0	0	0	0	1	3	***	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1
31	2	3	1	1	1	3	4	3	5	8	3	1	1	1	2	2	3	1	1	1	1	1	1	1	2
MEAN	2	2	1	1	1	2	3	4	3	2	2	2	1	1	2	2	2	1	1	1	1	2	2	1	1.8

PERCENTAGE OF DATA VALID - 93.3

PERCENTAGE OF DATA INVALID - 6.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	1	1	2	5	
3	3	4	3	1	1	2	4	5	5	5	3	2	1	0	0	1	1	0	0	0	0	0	1	1	1
4	0	0	0	0	0	2	4	3	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	2	2	2	1	1	1	1	2	2	2	2	1	1	2	3	5	10	2
7	10	3	2	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2
8	3	1	1	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	4	4	4	3	3
9	1	1	1	0	0	1	2	5	4	4	3	5	6	4	4	5	4	7	6	1	3	4	3	2	2
10	1	1	0	0	0	0	3	7	3	2	1	1	1	1	1	1	1	1	1	1	1	4	11	19	3
11	32	17	3	2	1	5	5	5	3	3	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	4	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	2	3	1	2	2	1	1	1	1	2	3	1	1	2	4	6	7	5	2
14	2	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	1	1	2	3	3	1	1	2	1
15	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	1	4	5	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1
17	1	0	0	0	0	1	5	6	5	3	1	1	1	1	1	1	1	1	1	2	3	2	3	2	2
18	1	1	0	0	0	1	2	5	6	6	4	2	2	2	1	2	2	1	1	1	1	2	3	4	2
19	5	5	5	3	2	2	6	10	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	7	3
20	7	8	9	13	8	6	13	6	3	2	2	1	1	1	1	1	1	0	0	0	0	0	1	1	4
21	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	3	2	1
22	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	4	1
23	2	0	0	0	0	0	1	3	3	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	1
24	2	0	0	1	1	1	8	5	2	1	2	2	1	1	1	1	1	1	0	1	1	1	2	3	2
25	7	18	12	9	9	10	12	30	19	8	3	2	1	1	2	2	2	2	1	1	1	1	1	4	7
26	8	9	9	6	5	5	12	24	15	1	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	1	3	3	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	0	0	0	0	0	0	2	3	1	0
29	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	1	2	3	3	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	1
31	2	2	2	1	1	2	9	10	6	4	3	2	1	1	1	1	1	0	0	0	0	0	0	0	2
MEAN	3	2	2	1	1	1	3	5	3	2	2	1	1	1	1	1	1	1	1	1	1	2	3	1.7	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001

67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	3	8	7	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2
2	2	1	1	1	1	2	7	7	6	4	3	2	2	2	2	1	1	1	1	1	1	1	3	1	2
3	1	4	10	14	18	19	31	24	5	2	2	1	1	1	2	1	1	1	1	0	0	0	0	0	6
4	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1
5	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
6	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	2	3	4	5	4	2
7	4	5	4	4	2	3	6	8	7	5	4	3	1	1	1	1	0	0	0	0	0	0	0	0	2
8	0	1	2	5	3	1	14	21	13	3	3	1	1	1	1	1	1	1	0	0	0	0	1	1	3
9	0	0	0	0	0	0	1	21	13	1	0	0	0	0	0	0	0	0	0	0	1	4	4	6	1
10	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	1
11	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	2	4	4	6	4	8	2
12	7	5	7	10	8	9	10	8	10	3	3	1	1	1	1	1	1	0	0	0	0	2	4	5	4
13	1	1	1	1	1	0	0	0	1	1	2	0	1	1	1	1	1	0	0	0	0	0	1	2	1
14	2	0	0	0	0	3	7	5	9	6	4	2	2	1	1	0	0	0	0	0	1	0	0	0	2
15	0	0	0	1	3	2	5	10	2	1	4	2	1	1	1	1	1	0	0	0	0	1	3	2	1
16	1	0	0	0	0	0	0	1	3	2	4	2	1	1	1	1	1	1	1	2	2	2	2	1	2
17	0	0	0	0	0	1	1	3	2	1	1	2	2	2	2	3	3	3	4	6	5	3	2	4	2
18	2	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	3	6	2	1	1	1
19	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	2	3	2	1	1
20	1	0	0	0	0	0	2	1	2	2	***	1	1	1	2	2	2	1	1	1	1	1	1	1	1
21	1	0	0	0	0	2	5	6	7	2	3	2	2	1	1	1	5	6	6	4	1	1	2	1	2
22	1	1	0	0	0	1	3	4	3	1	2	2	1	1	1	1	1	1	1	1	1	3	3	0	2
23	3	3	1	0	0	0	1	2	2	1	2	1	1	1	1	1	1	1	1	1	2	1	0	1	2
24	0	0	0	0	0	2	7	8	5	3	1	1	1	1	2	2	3	1	1	2	2	5	3	2	2
25	4	5	4	2	2	3	4	4	4	5	3	2	2	1	1	1	0	0	1	1	2	4	3	3	2
26	4	4	5	4	2	1	1	1	1	2	1	1	2	1	1	3	3	3	2	2	2	2	1	1	2
27	1	1	1	1	1	1	3	5	5	3	2	2	2	3	4	4	6	3	5	9	2	2	1	1	3
28	1	0	0	0	0	1	2	4	3	2	2	1	2	2	2	2	2	2	2	3	5	6	3	4	2
29	3	2	1	1	1	2	8	6	6	3	3	1	1	1	1	0	0	0	0	4	5	2	2	1	2
30	3	1	0	0	0	2	7	8	11	1	1	1	2	2	2	2	2	1	1	2	2	3	6	7	3
MEAN	2	1	1	2	1	2	4	5	4	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. " - " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001

67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	13	10	2	1	1	4	7	3	1	2	2	2	2	6	6	4	4	4	11	11	8	16	26	7
2	30	27	11	9	12	16	23	13	5	9	3	3	2	2	2	2	8	16	28	29	27	27	24	39	15
3	42	36	28	10	19	1	1	1	2	1	1	1	0	0	0	0	0	0	0	1	2	5	14	13	7
4	7	9	9	4	2	3	8	8	5	3	2	2	2	2	1	1	1	1	1	1	2	3	1	1	1
5	1	2	3	3	3	3	8	16	6	3	2	2	2	1	1	1	1	0	0	1	1	1	2	0	3
6	0	0	0	0	0	1	3	9	4	3	2	3	4	3	4	3	2	1	1	1	1	1	1	1	2
7	0	0	0	0	0	1	2	2	3	3	3	2	2	2	3	4	5	4	5	5	4	4	4	3	3
8	3	2	2	2	1	2	5	9	8	6	5	***	5	4	4	3	4	3	4	4	4	3	5	4	4
9	4	3	2	1	1	1	2	2	2	2	3	2	2	2	3	3	2	2	1	1	1	1	1	2	2
10	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	3	3	3	2	1
11																									
12	2	1	1	1	1	1	4	9	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
13	1	2	1	1	1	1	3	10	13	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	2
14	0	0	0	0	0	1	5	11	***	***	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	1	2	3	2	2	1	1	***	***	***	1	1	1	2	2	2	3	9	3	2
16	2	1	1	0	0	1	3	7	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
17	1	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2	1	1	2	4	2
18	6	3	4	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	2	1	1	1	2
19	1	0	0	0	0	1	5	8	7	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2
20	2	2	1	0	0	1	4	9	5	4	3	3	3	3	3	3	4	3	2	2	2	4	4	2	3
21	1	1	1	2	3	4	3	5	4	***	5	4	4	4	4	5	5	6	6	5	4	3	4	3	4
22																									
23	1	1	0	0	0	0	1	2	3	2	2	1	2	2	2	2	2	2	3	2	1	2	1	1	1
24	1	1	1	1	1	1	1	3	5	5	2	2	1	1	1	1	1	2	3	5	5	15	15	3	3
25	7	2	1	1	1	1	1	1	1	1	1	1	2	3	3	2	3	3	4	4	4	4	4	2	2
26	1	1	1	1	1	1	3	4	8	8	7	6	4	4	4	4	4	5	3	3	3	3	5	2	4
27	2	2	2	1	1	1	4	7	6	4	4	2	2	2	3	3	3	3	3	3	3	4	5	4	3
28	3	2	1	1	1	2	4	9	9	6	2	2	2	2	2	2	2	3	3	2	2	4	5	4	3
29	2	1	1	1	1	1	5	6	5	4	4	3	2	2	2	2	3	3	3	3	2	2	1	1	3
30	1	1	0	0	1	1	3	10	8	5	5	4	2	2	2	6	5	5	5	3	3	3	2	3	3
31	4	4	3	3	4	3	5	5	8	8	9	4	4	6	9	8	12	11	9	9	5	3	6	6	6
32																									
MEAN	5	4	3	2	2	2	4	6	4	3	3	2	2	2	2	2	3	3	3	4	3	4	5	5	3.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.       "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - NOV 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	3	9	9	5	2	2	1	2	2	2	2	4	7	12	13	12	8	8	5
2	9	11	5	8	14	12	15	16	12	8	9	8	6	6	4	3	3	3	3	2	3	4	4	3	7
3	4	4	2	2	2	2	6	11	13	11	11	7	4	3	3	3	4	4	5	6	7	19	29	12	7
4	10	8	9	4	0	1	2	10	19	24	7	4	6	4	4	3	4	2	2	2	1	2	6	5	6
5	2	1	0	1	2	2	3	5	7	10	10	8	4	3	3	2	3	5	6	4	4	5	4	4	4
6	2	1	2	1	1	1	3	7	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
7	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
8	1	1	0	0	0	0	1	4	6	3	2	2	1	1	1	2	2	2	1	2	3	2	1	2	2
9	2	2	1	1	2	2	4	4	3	3	3	2	3	4	4	4	4	4	5	10	6	9	7	4	4
10	5	3	2	3	4	2	2	5	9	7	3	2	1	3	3	2	2	2	2	2	2	1	1	1	3
11	0	1	1	1	0	0	1	3	3	2	3	3	2	2	3	1	1	2	2	2	2	2	3	2	2
12	1	1	1	0	0	1	3	9	12	8	4	2	2	2	2	2	3	2	4	4	2	4	3	2	3
13	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	6	3	4	2	3	2
14	2	2	1	1	1	1	1	2	1	1	1	1	2	1	1	2	2	2	2	4	6	7	8	12	3
15	9	7	6	5	4	5	5	10	16	24	30	14	3	2	2	1	2	5	5	6	5	5	7	8	8
16	5	5	4	5	6	4	3	10	19	19	6	5	5	3	4	1	2	3	5	7	4	3	3	5	6
17	6	5	5	5	4	3	6	11	8	9	7	4	4	5	4	3	4	2	2	2	1	2	2	1	4
18	1	2	1	1	2	2	5	12	9	5	2	1	1	1	1	1	3	5	3	2	2	2	2	3	3
19	3	3	3	2	2	2	5	16	14	4	2	2	2	2	2	2	2	3	2	4	3	2	2	2	4
20	1	1	1	1	0	0	0	1	1	2	1	2	2	2	2	2	2	2	2	1	2	1	1	1	1
21	1	2	1	1	1	1	1	1	1	2	2	2	2	1	1	2	1	2	1	1	2	1	1	1	1
22	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	2
23	1	1	1	0	0	0	1	2	2	2	1	1	1	1	2	2	1	2	2	2	2	1	1	1	1
24	1	1	1	1	1	1	1	3	6	6	4	3	2	3	3	3	3	5	5	4	5	4	6	4	3
25	3	2	1	1	1	1	3	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	2	1	1	1	1	1	****
27	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	1	1	2	2
28	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	1	2	2
30	1	1	1	1	1	1	3	6	5	5	3	3	3	3	3	2	3	3	2	2	1	2	1	1	2
MEAN	3	3	2	2	2	2	3	6	7	6	4	3	2	2	2	2	2	3	3	3	3	4	4	3	3.2

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - DEC 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	-	9	8	4	3	3	3	3	3	3	2	3	3	3	3	4	4	
2	4	2	1	1	1	1	1	2	3	3	2	2	2	2	1	1	2	2	2	3	2	3	3	4	2
3	4	2	2	2	1	2	6	13	27	20	19	12	8	6	4	3	6	7	7	7	12	15	2	2	8
4	2	2	2	2	2	2	2	2	2	6	11	11	9	8	8	7	7	12	16	12	6	4	3	3	6
5	3	2	1	1	1	2	1	1	1	2	2	2	2	3	3	3	3	9	9	10	8	8	11	12	4
6	8	7	7	9	9	1	2	4	6	5	6	5	6	5	6	7	7	6	3	5	5	1	1	2	5
7	2	2	2	1	2	3	4	4	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2
8	2	1	1	1	1	1	1	3	7	11	9	10	8	4	4	7	8	5	3	2	2	1	1	1	4
9	0	1	0	1	1	1	2	3	5	5	5	8	13	12	10	****	5	12	8	2	3	3	2	2	5
10	2	2	2	2	2	3	3	7	6	5	3	4	6	5	3	5	6	5	2	2	2	1	1	1	3
11	1	1	0	1	1	1	1	1	1	2	2	2	4	2	1	1	2	1	1	1	2	2	2	2	1
12	4	3	4	4	3	1	2	2	3	3	4	4	3	4	3	3	2	2	1	1	1	1	0	0	2
13	0	0	0	0	0	1	1	1	3	4	3	3	4	4	5	****	4	4	4	4	5	5	7	7	3
14	3	2	1	1	1	1	1	3	3	2	3	3	3	3	4	4	8	10	7	2	1	1	1	1	3
15	1	1	3	2	2	2	3	5	6	5	4	4	4	5	4	6	9	10	8	7	6	14	41	43	8
16	34	5	7	8	5	8	8	11	18	19	14	9	11	15	16	11	11	13	12	7	3	2	3	2	11
17	1	1	1	1	3	2	3	3	5	7	5	6	5	3	3	3	4	4	3	2	3	2	2	1	3
18	1	1	0	0	0	0	0	0	1	1	2	2	2	2	3	3	6	5	4	5	5	3	2	4	2
19	4	4	3	3	3	2	2	4	5	4	5	6	4	5	6	10	16	11	12	15	22	26	15	11	8
20	12	5	5	4	2	2	3	7	11	13	11	13	5	****	2	2	2	2	1	1	1	1	1	1	5
21	0	1	0	0	0	0	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1
22	1	0	0	0	0	0	0	2	9	6	4	3	2	3	4	4	3	2	1	1	1	1	1	1	2
23	3	3	2	1	1	2	3	4	6	2	2	2	2	2	1	3	4	4	4	2	1	0	0	1	2
24	1	1	1	1	1	1	1	5	6	3	3	2	3	4	4	2	2	1	1	1	1	1	1	3	2
25	2	2	2	2	2	3	3	2	1	2	2	2	2	3	3	3	2	3	5	5	3	2	3	3	3
26	3	1	0	0	0	0	0	2	2	1	2	2	2	2	2	2	1	1	2	2	1	1	1	0	1
27	1	1	1	0	0	0	0	1	1	2	3	3	2	3	3	3	2	2	1	4	8	13	9	6	3
28	5	3	1	1	1	1	2	2	4	5	5	5	6	5	5	6	8	8	7	6	5	4	4	6	4
29	7	6	4	4	5	4	1	2	3	4	4	4	3	2	2	2	2	2	1	1	1	1	1	1	3
30	1	1	1	1	1	1	3	5	6	7	6	5	3	3	3	2	2	3	7	4	5	6	6	4	4
31	3	3	2	2	1	1	1	2	2	2	4	2	3	5	5	4	5	3	2	2	2	2	2	3	3
MEAN	4	2	2	2	2	2	2	3	5	5	5	5	4	4	4	4	5	5	5	4	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	10	1.8	5	16
JUN	30	2.1	9	32
JUL	28	1.8	4	22
AUG	31	1.7	7	32
SEP	30	1.9	6	31
OCT	31	3.3	15	42
NOV	28	3.2	8	30
DEC	31	3.7	11	43
YEAR	219	2.5	15	43

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	227	18	3	0	0	0	0	248
JUN	662	29	19	6	2	0	0	718
JUL	656	35	2	1	0	0	0	694
AUG	697	33	11	2	1	0	0	744
SEP	668	42	6	2	1	0	0	719
OCT	648	57	20	10	2	1	0	738
NOV	595	63	26	4	0	0	0	688
DEC	600	93	41	3	1	2	0	740
YEAR	4753	370	128	28	7	3	0	5289

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.9	0	0.0	0.4	0.9	2.0	5.1	7.9	12.1	17.8	43	2.5

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	17	22	24	18	10	7	9	8	8	11	14	20	25	25	27	36	29	27	30	32	33	37	36	22
2	28	15	11	7	7	8	15	13	44	15	5	****	3	3	3	3	3	4	4	5	6	8	10	9	10
3	8	8	7	6	10	9	12	8	5	10	6	5	5	5	5	5	5	5	5	4	4	4	4	4	6
4	3	3	3	3	4	6	7	12	12	16	21	26	28	30	27	28	38	34	29	29	35	42	31	31	21
5	20	13	10	8	9	15	37	71	78	41	26	25	15	9	8	7	8	8	11	10	9	9	9	10	19
6	11	10	9	9	8	8	11	14	14	11	11	10	****	9	8	7	7	9	11	9	9	9	9	9	10
7	8	7	7	6	6	6	7	8	11	10	11	12	23	32	30	30	37	29	22	20	13	14	14	15	16
8	13	10	10	9	11	13	35	75	74	59	52	21	15	9	8	7	5	7	8	7	7	7	8	8	20
9	5	5	5	6	5	5	6	10	10	8	7	6	5	4	5	****	4	5	5	5	6	8	8	8	6
10	8	10	12	10	9	12	10	12	21	22	13	9	8	8	9	7	7	10	13	18	18	27	57	52	16
11	40	30	25	21	8	8	6	7	13	16	20	19	19	15	14	11	10	9	16	14	17	18	19	18	16
12	14	10	9	9	10	12	22	47	55	54	47	31	16	13	16	14	14	17	21	55	48	18	9	6	24
13	6	6	7	7	7	8	10	13	15	15	15	13	11	****	10	12	15	31	13	19	17	15	12	11	13
14	10	10	8	6	8	10	14	8	19	10	8	8	-	-	-	-	-	-	-	-	-	-	-	-	*****
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	8	8	10	50	21	27	46	34	10	*****
16	6	6	5	5	5	5	6	6	8	8	8	9	21	23	24	29	37	37	31	25	14	18	17	20	16
17	16	12	8	5	5	5	10	20	23	22	30	33	32	32	35	35	40	41	37	44	32	21	16	18	24
18	16	12	10	6	5	4	5	10	10	15	22	24	28	34	31	11	12	15	17	17	15	13	9	14	15
19	16	9	8	7	6	6	6	9	12	7	6	5	4	****	5	6	7	8	8	10	8	7	7	7	8
20	7	7	7	8	9	9	9	10	9	8	8	8	8	8	8	22	32	19	30	21	19	12	8	8	12
21	8	8	9	9	8	6	7	10	10	8	7	7	****	****	17	9	12	13	15	26	16	15	14	12	11
22	9	8	8	9	8	11	26	47	43	34	27	26	27	25	28	37	47	48	38	28	24	21	21	20	26
23	18	12	11	10	11	14	31	55	61	53	45	****	47	47	44	42	35	30	26	25	22	19	19	21	30
24	21	20	13	8	10	10	13	21	25	27	27	30	33	36	40	38	32	34	39	47	50	39	40	48	29
25	44	46	52	29	22	24	22	29	22	26	29	35	19	22	23	13	22	16	10	6	5	5	6	7	22
26	8	10	10	11	12	14	14	16	19	17	16	17	19	19	24	27	****	55	67	44	37	30	29	22	23
27	17	12	9	8	8	11	18	39	54	29	36	44	44	51	48	50	61	71	66	59	50	48	45	39	38
28	33	22	16	14	12	13	23	36	13	10	6	4	4	4	4	****	****	7	7	6	6	8	7	8	12
29	7	7	9	10	10	11	12	25	39	32	28	25	26	24	-	-	-	-	-	-	-	-	-	-	*****
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	15	12	11	10	9	10	14	23	26	21	20	18	19	20	19	19	21	22	23	22	20	19	18	17	17.9

PERCENTAGE OF DATA VALID - 87.1      PERCENTAGE OF DATA INVALID - 1.6      PERCENTAGE OF DATA UNAVAILABLE - 11.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	- DATA UNAVAILABLE -																								
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	-	-	-	-	-	-	-	-	-	-	-	-	9	10	9	8	7	7	8	9	10	11	10	*****	
10	9	8	8	8	8	8	8	10	14	13	12	12	11	11	12	11	12	13	15	14	14	17	30	18	12
11	20	15	13	12	10	12	19	41	49	41	35	18	8	8	8	***	***	31	24	19	20	19	19	24	21
12	13	7	5	6	8	8	11	20	18	10	9	7	7	7	7	7	7	8	7	8	9	8	8	9	
13	8	8	8	8	9	10	11	27	63	44	30	30	27	28	33	40	46	43	38	36	28	24	18	20	27
14	21	22	19	12	8	12	14	13	48	35	23	22	23	21	7	6	6	6	6	9	10	9	10	11	16
15	10	10	10	8	7	7	6	7	6	7	8	10	11	13	13	13	12	12	13	12	13	20	18	14	11
16	11	9	9	10	12	11	22	24	35	48	53	***	46	46	51	11	16	8	7	6	6	5	7	7	20
17	8	7	6	6	6	11	33	47	35	25	25	28	32	31	19	45	59	66	43	31	46	26	7	7	27
18	8	8	8	8	8	8	8	7	7	7	7	7	7	***	8	8	13	11	10	13	16	10	7	6	9
19	6	5	5	5	5	5	6	6	6	6	6	6	6	7	13	15	35	32	20	29	26	23	24	22	13
20	15	11	9	11	11	13	39	71	66	46	37	23	15	****	****	44	54	31	15	16	15	14	12	13	26
21	15	14	41	20	16	14	14	15	19	20	19	6	6	6	7	8	16	47	39	27	40	31	20	17	20
22	18	18	12	6	4	4	4	5	5	7	9	9	12	14	15	16	16	16	14	14	15	16	13	12	12
23	9	5	4	5	5	8	28	63	53	38	30	18	8	***	4	3	3	3	3	3	3	2	3	13	13
24	3	3	3	3	3	3	4	6	6	5	5	5	5	6	6	8	8	6	6	9	18	21	16	31	8
25	25	17	11	10	10	9	12	17	19	11	6	5	***	***	7	7	7	7	6	9	6	7	6	6	10
26	13	21	22	20	19	11	45	92	82	28	10	8	9	9	11	15	23	25	18	40	20	21	33	28	26
27	25	11	6	5	5	4	21	54	55	36	31	31	33	36	45	56	55	54	28	30	24	5	4	4	27
28	5	16	5	10	7	6	8	15	15	16	19	23	27	23	8	25	4	3	3	5	6	6	6	5	11
29	5	5	4	5	5	5	7	6	7	8	9	10	10	16	26	22	28	26	27	27	30	35	27	16	16
MEAN	12	11	10	9	8	8	16	27	30	23	19	15	16	17	16	18	21	22	17	17	18	15	15	14	16.5



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION													
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - MAY 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1																										
2																										
3																										
4	-	-	-	-	-	-	-	-	-	-	-	-	-	13	12	11	14	13	14	12	15	10	11	5	7	*****
5	0	***	0	0	0	0	2	2	1	2	1	8	6	3	3	7	2	2	0	0	***	0	0	0	7	
6	4	4	4	4	6	***	***	***	***	***	***	***	***	***	***	40	33	33	29	13	19	24	14	12	10	*****
7	6	3	2	4	5	18	37	34	23	30	30	28	32	36	39	33	34	40	39	31	18	19	16	19	24	
8	15	8	4	4	4	10	10	18	17	16	17	13	11	10	7	8	11	9	7	3	***	***	***	***	10	
9																										
10	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	1	1	1	2	2	2	1	1	*****	
11	2	3	3	3	4	25	32	30	14	10	9	***	4	3	36	39	40	28	22	16	17	15	13	11	16	
12	6	4	4	4	8	36	42	43	32	25	26	20	27	***	35	40	29	18	18	16	7	5	4	6	20	
13	7	4	2	1	2	2	3	4	3	2	2	2	1	1	1	1	1	2	2	2	1	2	***	26	3	
14	7	3	2	2	2	4	11	9	7	7	6	4	3	3	4	2	36	47	43	44	43	34	37	37	17	
15	40	40	27	16	19	27	31	36	29	11	6	3	5	2	1	4	2	3	1	18	3	7	4	2	14	
16	2	1	2	1	2	1	1	1	1	1	1	2	1	4	16	8	4	2	2	12	30	18	6	4	5	
17	4	3	2	2	2	2	5	3	2	2	2	2	2	2	3	2	25	24	19	16	15	14	12	7	7	
18	5	4	4	3	4	26	46	41	31	27	29	23	***	29	20	31	29	26	14	22	23	21	21	14	21	
19	12	8	8	6	10	30	42	37	28	25	19	17	21	23	24	24	20	15	13	10	13	11	12	8	18	
20	8	4	4	1	3	24	24	49	31	22	17	***	30	16	20	34	31	34	37	48	51	51	8	23	25	
21	29	2	2	2	13	31	43	30	24	28	24	26	26	27	31	33	30	31	30	32	29	26	23	23	25	
22	18	12	10	9	9	19	23	23	23	23	23	22	22	21	21	18	20	22	23	20	17	2	1	2	17	
23	2	1	1	0	0	2	***	2	3	2	2	2	2	2	2	9	12	12	12	14	14	15	16	12	6	
24	8	5	5	5	6	10	11	12	13	22	27	30	28	29	33	2	3	3	18	32	31	30	29	26	17	
25	18	21	9	11	14	38	29	48	29	7	***	2	5	8	11	1	24	31	30	26	23	19	14	19	19	
26	10	7	6	8	15	40	58	48	8	9	10	12	***	10	22	22	24	30	22	30	34	29	37	25	22	
27	16	12	12	10	20	41	49	46	34	19	16	***	***	***	2	1	1	1	1	1	3	4	7	7	14	
28	15	22	16	30	41	19	16	14	5	2	1	1	1	1	1	1	1	2	3	2	1	2	2	1	8	
29	1	9	33	19	12	14	5	1	1	1	0	0	1	1	1	1	6	4	4	2	2	3	20	27	7	
30	9	8	6	7	8	8	8	7	5	4	4	4	10	6	7	6	6	5	6	10	8	6	9	7	7	
31	7	7	8	8	9	27	44	32	30	9	11	8	14	14	17	30	29	55	53	52	53	53	47	25	27	
MEAN	10	8	7	6	9	19	25	24	16	13	12	10	12	11	15	15	17	18	16	18	18	15	14	13	14.2	

PERCENTAGE OF DATA VALID - 83.5

PERCENTAGE OF DATA INVALID - 8.5

PERCENTAGE OF DATA UNAVAILABLE - 8.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION													
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - JUN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	19	16	12	11	18	33	60	56	53	47	49	28	37	21	8	8	11	11	7	13	14	43	83	73	30	
2	55	36	25	18	20	43	79	43	9	1	0	0	***	2	2	1	1	1	1	2	53	65	73	46	25	
3	30	25	18	23	33	66	92	76	51	42	31	22	***	***	5	1	1	1	1	4	16	82	70	50	34	
4	51	31	17	13	21	59	57	5	10	2	1	3	5	1	1	1	1	1	1	2	43	55	57	52	20	
5	49	37	23	23	26	37	40	40	23	1	1	1	1	1	1	1	1	1	1	1	10	43	62	54	20	
6	43	23	13	9	10	11	13	12	16	16	16	19	19	15	14	15	14	17	22	25	31	26	16	16	18	
7	9	3	4	5	3	29	65	46	29	29	27	22	23	26	30	32	29	29	27	23	17	16	18	17	23	
8	1	0	3	2	7	38	74	67	31	19	19	18	12	***	12	23	29	21	25	31	42	39	42	35	26	
9	25	14	10	8	14	39	54	56	38	26	15	6	5	6	5	5	6	4	4	5	4	14	44	29	18	
10	37	15	7	4	4	5	9	7	6	5	4	***	3	3	3	4	4	4	3	3	3	4	4	4	6	
11	5	5	5	6	6	16	9	28	11	7	6	7	8	22	25	23	23	27	32	24	28	29	26	23	17	
12	20	9	8	9	18	29	26	5	5	4	4	4	3	3	3	3	3	3	3	3	4	3	4	7	7	
13	3	10	2	2	2	2	2	3	3	3	3	4	4	3	4	5	4	5	6	7	6	6	8	7	4	
14	6	5	5	6	6	6	10	10	8	6	6	7	***	5	5	4	4	4	4	4	5	10	9	7	6	
15	3	3	3	3	3	4	7	6	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
16	2	2	2	3	3	3	3	3	3	3	5	16	2	3	***	3	3	3	3	3	6	8	5	23	19	5
17	11	5	5	6	12	38	62	57	42	29	***	11	4	13	17	22	8	4	5	3	6	12	74	57	22	
18	33	22	9	20	34	52	50	25	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	7	12	
19	3	2	2	4	4	4	4	4	3	3	4	3	4	4	4	3	4	21	21	20	18	21	24	26	9	
20	25	10	6	5	5	8	12	12	17	21	23	26	25	25	28	31	38	41	47	13	65	51	34	16	24	
21	9	4	3	6	20	51	45	6	3	***	5	2	***	***	***	6	6	7	8	10	22	35	33	27	15	
22	23	17	16	17	22	23	50	23	17	12	11	8	***	9	9	9	9	8	8	9	10	31	29	9	16	
23	17	24	16	13	15	38	67	53	18	11	9	9	8	8	7	7	7	8	7	8	7	38	32	25	19	
24	18	12	9	5	18	23	11	8	6	8	***	6	8	9	7	7	6	7	7	8	6	6	6	7	9	
25	11	9	9	9	12	36	53	43	28	31	23	13	24	25	22	21	24	27	28	15	7	6	6	6	20	
26	6	10	10	9	8	7	8	10	12	10	5	6	5	5	6	7	5	10	12	5	4	5	5	6	7	
27	7	8	11	9	9	12	11	11	13	18	20	22	16	5	5	5	5	4	4	4	4	4	4	4	9	
28	4	5	5	5	16	36	55	45	36	35	22	6	41	17	6	7	44	42	37	20	6	5	4	4	21	
29	3	8	12	8	13	33	22	55	35	21	9	5	4	4	4	14	17	27	22	27	67	24	19	55	39	
30	32	19	10	7	11	6	9	7	11	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	7	
MEAN	19	13	9	9	13	26	35	27	18	15	12	9	11	9	9	9	11	11	12	11	16	23	28	23	15.5	

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH														MONTH - JUL 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	4	4	3	3	15	11	17	16	15	22	28	16	4	4	3	3	3	8
2	3	3	3	3	3	3	4	5	10	4	4	4	****	14	25	30	31	31	32	32	25	20	19	16	14
3	14	10	6	5	5	7	12	24	26	26	28	27	18	25	26	29	32	38	36	33	28	25	26	27	22
4	22	14	9	7	8	11	13	10	13	14	14	6	4	4	4	4	4	4	4	5	16	37	31	23	12
5	14	12	9	11	21	44	62	40	37	20	9	19	23	38	28	11	5	5	6	11	46	38	41	37	24
6	28	14	11	14	36	24	16	9	6	6	6	6	8	7	6	11	9	27	21	36	38	12	13	6	15
7	16	11	12	15	18	25	53	37	34	11	8	6	7	****	5	6	14	10	21	24	10	12	14	22	17
8	14	8	6	5	5	5	27	50	40	35	35	31	30	30	32	33	34	34	29	30	33	33	32	30	27
9	24	19	17	14	17	45	64	58	50	33	31	26	30	21	5	5	5	5	5	5	4	5	6	14	21
10	22	15	15	11	11	7	11	6	6	6	5	6	5	6	6	5	6	6	6	7	6	6	6	19	9
11	13	8	8	6	9	14	17	16	15	14	15	14	11	13	15	16	18	20	21	22	26	28	27	23	16
12	11	9	9	9	11	22	36	30	28	26	27	30	31	31	31	32	34	34	26	21	16	15	15	11	23
13	8	7	6	6	7	18	34	27	22	****	21	21	22	23	26	26	26	23	21	20	19	18	16	14	19
14	11	8	6	7	8	35	47	39	30	30	42	41	40	****	12	9	2	2	3	2	18	21	2	4	18
15	2	13	12	14	23	34	14	5	2	1	2	1	1	1	2	2	2	2	2	2	2	3	23	7	7
16	14	14	9	21	30	55	29	12	14	18	23	37	34	42	42	35	37	33	34	25	22	18	17	15	26
17	12	10	6	5	5	11	19	22	21	17	14	14	8	4	1	4	5	2	8	19	16	7	2	4	10
18	10	6	3	1	1	2	3	4	4	4	5	3	4	6	8	9	11	14	11	2	3	7	7	4	6
19	8	1	4	2	0	16	4	12	5	3	2	4	4	4	6	6	5	5	9	7	6	6	10	6	6
20	6	6	5	5	6	5	5	6	8	8	8	7	6	8	8	5	8	8	8	14	6	7	20	18	8
21	14	9	9	9	15	32	51	44	33	27	15	4	4	4	4	4	4	3	2	2	33	41	38	26	18
22	15	10	5	5	9	3	5	2	2	1	0	0	1	1	1	4	1	1	0	0	1	3	0	2	3
23	6	0	3	4	13	32	7	6	3	3	3	4	7	6	7	12	10	8	8	12	16	10	9	29	9
24	30	18	9	9	10	14	17	19	21	22	22	21	21	18	18	19	18	16	16	16	17	17	20	20	18
25	19	12	5	5	9	13	18	16	13	14	14	15	19	14	0	0	9	8	28	35	20	5	8	22	13
26	37	24	17	18	12	10	10	5	2	1	1	1	****	****	4	8	6	6	7	6	5	4	4	4	9
27	5	6	5	7	10	25	39	49	40	30	30	24	29	27	33	36	36	31	32	38	41	43	43	25	29
28	16	7	8	9	14	37	63	35	3	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	DATA INVALID																								
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	2	5	4	****
31	4	2	1	1	3	12	17	19	11	4	1	1	5	9	4	12	11	10	9	10	8	9	9	8	8
MEAN	14	10	8	8	11	19	24	21	17	14	13	14	15	15	13	13	14	14	15	15	17	16	15	16	14.6

PERCENTAGE OF OATA VALIO - 92.3

PERCENTAGE OF OATA INVALIDO - 7.7

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INOICATES INVALIDO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH														MONTH - AUG 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	4	0	0	0	1	2	3	5	7	8	8	8	8	8	8	7	8	9	12	12	13	12	8	7
2	3	1	1	1	1	3	5	5	5	9	9	9	11	11	12	11	11	12	13	16	19	22	22	15	9
3	8	5	7	3	7	8	6	5	2	1	0	0	0	***	0	0	0	0	0	0	0	1	2	1	2
4	0	0	0	0	0	1	3	4	4	3	2	2	1	1	1	1	1	1	1	1	0	0	0	1	1
5	0	0	0	0	0	0	1	2	4	4	5	8	5	***	5	5	5	5	6	7	21	20	16	12	6
6	8	6	5	4	9	32	47	33	30	29	35	33	35	35	34	40	29	18	0	0	2	6	51	27	23
7	18	12	8	6	9	17	23	27	28	26	25	15	18	11	5	17	0	0	1	14	22	15	27	16	15
8	12	7	3	2	3	6	8	12	13	18	24	29	29	39	38	38	37	35	38	41	44	44	34	23	24
9	12	10	7	8	13	39	69	58	51	45	45	46	45	***	48	38	4	39	40	35	33	35	30	19	33
10	13	8	6	7	15	56	73	52	40	34	35	27	28	29	32	39	36	48	44	50	53	27	31	39	34
11	57	29	14	22	12	10	11	13	8	7	4	4	***	2	3	3	3	2	2	2	3	7	7	7	10
12	9	9	10	9	10	10	12	13	10	11	9	9	10	9	8	9	9	10	15	11	10	10	9	8	10
13	8	7	6	6	6	6	7	17	28	31	6	5	5	4	4	32	30	32	42	10	22	25	28	26	16
14	27	24	18	12	14	21	31	34	37	29	3	3	3	3	3	12	22	29	28	30	24	23	5	24	19
15	23	16	7	6	5	7	10	9	14	22	23	24	24	24	23	23	22	20	25	35	37	36	29	18	20
16	10	4	4	5	12	36	60	44	28	28	25	21	***	25	29	37	32	29	26	37	42	19	16	8	25
17	10	7	7	9	18	32	89	68	48	39	35	29	28	29	31	31	36	37	32	34	37	30	26	18	32
18	11	5	3	4	8	27	54	45	40	13	7	5	2	2	1	1	1	1	1	2	27	35	38	34	15
19	27	21	12	12	25	64	86	11	2	1	1	1	1	1	***	1	1	1	1	1	1	1	1	28	13
20	27	21	17	14	26	33	22	23	12	2	2	2	4	7	8	6	7	4	3	3	3	4	5	11	
21	3	5	1	1	1	1	3	2	12	12	4	2	2	1	1	1	1	1	1	1	1	1	7	32	4
22	20	19	8	2	2	2	2	3	3	2	1	2	2	1	2	1	3	4	4	12	10	16	16	12	6
23	10	7	8	3	7	19	37	38	33	29	29	26	26	***	33	38	32	30	32	28	22	21	23	17	24
24	9	8	6	7	14	44	57	44	3	4	11	10	1	1	1	1	1	1	1	1	2	17	54	45	14
25	27	23	16	21	29	52	92	94	20	23	28	3	4	4	3	3	3	1	0	2	9	32	42	43	24
26	39	20	13	15	19	56	86	68	76	10	6	6	5	6	6	5	5	5	5	3	3	3	3	4	19
27	4	10	7	3	3	3	11	11	6	4	***	***	***	1	21	7	4	4	3	3	3	3	3	2	6
28	2	2	2	1	1	1	1	1	2	1	1	1	2	2	2	5	14	2	14	20	15	33	22	25	7
29	24	9	4	2	3	6	7	10	10	14	18	19	23	24	20	18	19	22	25	27	21	21	24	14	16
30	5	3	4	6	8	39	65	52	35	32	30	26	29	31	35	41	36	34	30	28	35	32	36	25	29
31	14	8	3	8	7	12	31	25	7	4	3	1	***	***	1	1	1	1	1	2	1	1	1	4	6
MEAN	14	10	7	6	9	21	33	27	20	16	14	13	13	12	14	15	13	14	14	15	17	18	20	18	15.5



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	6	4	4	5	28	22	55	37	41	39	37	35	****	34	17	44	40	30	29	30	32	31	19	27
2	11	7	6	7	11	33	55	52	41	36	30	22	25	14	****	1	1	1	1	3	8	11	14	14	18
3	55	39	25	38	34	69	55	20	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	15
4	1	1	1	1	1	3	4	3	3	6	3	2	2	5	5	8	9	18	30	28	17	15	18	19	8
5	10	6	3	1	1	3	8	7	10	14	15	18	16	16	15	17	18	18	23	24	28	26	29	24	15
6	13	9	7	5	4	14	22	16	14	16	22	20	22	17	20	16	2	22	45	43	36	30	24	20	
7	12	6	9	7	5	5	8	13	9	2	2	3	2	-	2	1	4	14	24	1	0	1	2	19	7
8	19	11	13	2	18	54	82	62	42	20	3	0	0	0	0	0	0	0	0	0	0	27	23	11	16
9	****	****	4	3	1	6	6	11	3	2	2	1	****	3	3	3	3	2	3	5	26	21	23	23	7
10	9	3	2	2	4	8	2	10	15	27	21	18	25	25	29	29	22	28	25	16	14	7	5	0	14
11	0	0	0	0	1	0	4	4	17	21	25	24	29	29	27	20	16	24	43	42	22	13	12	9	16
12	22	46	42	31	16	14	9	7	5	1	0	0	0	0	13	13	13	13	5	2	23	18	9	9	13
13	8	3	0	0	0	2	6	11	11	4	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2
14	2	0	0	5	2	3	10	11	10	9	2	1	1	-	2	2	2	2	3	3	3	3	3	2	4
15	3	7	5	3	3	26	77	58	32	29	21	22	26	31	****	40	39	16	3	4	21	30	24	19	23
16	6	7	6	6	8	31	63	36	6	4	16	16	4	4	3	2	7	6	16	25	35	34	23	18	16
17	9	4	3	4	10	26	44	39	34	32	****	33	36	43	10	25	43	38	37	30	26	27	29	19	26
18	21	16	11	6	6	12	21	21	24	27	24	24	24	23	24	30	31	34	36	37	33	23	25	26	23
19	28	20	9	4	5	8	12	15	14	18	14	4	4	4	5	12	11	7	4	7	7	8	5	3	10
20	2	2	1	1	7	2	4	5	10	6	30	22	22	24	31	34	29	29	26	25	20	22	19	14	16
21	10	6	6	7	10	22	60	83	41	18	7	6	2	2	2	2	3	28	22	6	8	28	17	4	17
22	1	1	1	1	1	1	4	5	3	2	2	3	5	11	14	18	24	24	21	6	4	6	7	5	7
23	6	7	4	1	1	1	1	1	1	1	1	4	16	19	26	21	24	26	32	29	12	24	26	15	12
24	10	8	8	8	8	11	16	11	15	30	30	39	33	39	39	14	12	5	3	6	9	9	11	13	16
25	7	6	3	2	5	5	4	5	10	9	2	1	1	1	1	3	17	32	28	26	22	28	31	28	12
26	30	23	17	11	3	8	13	7	4	1	1	1	1	1	1	3	30	38	36	33	32	32	29	26	13
27	7	5	6	6	12	38	61	55	44	35	35	43	8	46	49	58	60	63	49	40	29	24	20	14	34
28	9	6	4	5	10	27	68	64	45	40	34	25	28	22	3	2	2	2	5	9	13	16	9	5	19
29	3	1	1	1	1	3	7	6	4	3	3	2	1	2	3	2	3	2	2	7	11	11	11	8	4
30	8	14	9	9	19	53	90	72	36	4	2	2	1	1	1	16	2	1	3	4	35	67	51	49	23
MEAN	11	9	7	6	7	17	28	25	18	15	14	13	13	15	13	15	16	18	18	16	18	20	18	14	15.2

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	28	21	29	18	22	69	50	8	2	1	1	1	1	2	1	1	1	3	8	9	8	61	57	18
2	42	28	17	15	18	37	54	54	38	4	6	2	1	2	1	1	1	2	7	18	38	77	59	54	24
3	55	29	8	2	1	5	14	21	20	13	16	1	1	1	1	1	1	1	1	57	59	68	63	54	21
4	44	21	13	17	28	63	101	29	6	3	2	***	1	1	1	2	2	2	5	35	40	40	39	29	23
5	2	21	15	20	7	5	15	17	7	2	1	1	1	1	1	1	1	1	1	1	4	4	6	2	6
6	1	1	1	1	1	2	7	6	4	2	2	2	2	2	2	3	4	3	3	19	16	11	11	9	5
7	6	5	4	5	7	28	48	50	43	41	44	***	***	43	49	61	58	60	54	46	40	34	26	21	35
8	14	10	7	6	17	50	72	66	54	54	53	55	61	59	65	64	59	57	55	47	44	37	37	27	45
9	20	12	9	8	10	16	26	35	37	36	29	27	24	25	22	23	23	29	19	17	10	11	13	14	21
10	11	5	3	2	2	3	5	9	10	12	15	19	19	19	17	18	17	17	29	24	12	21	27	39	15
11	29	22	16	10	14	22	31	29	16	5	4	2	2	2	1	1	1	1	4	6	3	7	7	4	10
12	1	2	3	4	7	53	32	31	5	2	***	1	1	1	1	1	0	1	1	1	1	1	2	7	
13	1	1	1	1	1	3	10	14	11	25	18	14	5	***	23	28	37	35	23	19	15	9	13	9	14
14	6	3	3	4	6	23	45	45	34	30	31	29	***	31	35	35	37	39	14	6	16	41	22	2	23
15	0	0	0	1	0	1	4	4	1	0	0	1	0	2	12	26	33	38	27	21	17	14	15	7	9
16	3	1	1	***	***	***	20	30	32	33	31	33	29	32	***	35	42	45	42	36	15	18	***	28	27
17	40	28	***	***	***	5	9	14	17	24	***	***	***	***	***	31	35	33	***	32	***	30	26	20	***
18	9	6	3	7	14	52	85	75	50	34	***	***	34	28	45	47	49	49	43	41	41	39	27	28	37
19	15	6	1	5	15	31	77	67	47	10	2	4	7	15	4	5	5	9	6	29	34	36	24	17	20
20	12	7	4	6	18	14	3	4	3	4	6	12	1	2	15	13	40	52	49	36	31	27	26	19	17
21	11	7	5	4	7	15	23	34	5	3	5	2	2	5	9	3	2	2	2	2	2	1	1	1	6
22	0	0	0	0	0	4	17	18	22	20	16	***	11	18	17	18	17	26	29	5	2	2	3	2	11
23	3	1	0	0	1	1	2	5	4	6	14	17	21	20	14	21	39	61	65	62	65	55	62	50	25
24	43	23	12	3	0	0	0	0	0	0	1	2	4	12	16	10	25	30	29	30	29	29	24	13	14
25	6	5	3	4	7	26	61	64	52	47	45	***	47	43	45	51	48	42	35	31	34	46	45	34	36
26	20	13	4	5	11	34	63	64	47	37	35	33	33	30	37	47	44	46	46	42	40	44	39	25	35
27	13	9	6	6	13	42	84	77	60	41	38	38	38	39	46	55	62	62	54	32	28	25	16	11	37
28	3	2	2	2	0	1	3	5	3	2	3	2	0	1	1	1	1	1	1	1	1	1	1	1	2
29	0	0	0	0	0	1	3	5	5	3	3	5	3	***	27	42	45	41	9	1	1	2	1	2	9
30	8	6	2	2	2	2	11	10	13	16	10	5	6	6	7	7	8	6	6	23	5	17	32	9	9
31	31	28	19	7	4	2	3	6	9	15	14	16	19	21	20	22	27	29	29	24	25	32	36	33	20
MEAN	16	11	6	6	8	19	32	30	21	17	16	14	13	17	18	22	25	26	23	24	23	25	25	20	19.2

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	6	5	4	4	10	48	95	69	54	39	37	****	37	39	54	60	83	86	68	32	29	39	24	41
2	50	45	53	38	32	25	23	33	22	12	8	4	3	3	3	2	2	3	2	3	3	4	8	9	16
3	6	7	6	3	2	3	4	9	12	13	11	3	3	1	1	1	3	6	17	74	67	47	57	100	19
4	81	33	29	10	5	14	52	104	92	66	3	2	2	1	0	5	6	1	2	5	1	5	6	3	22
5	2	2	2	4	2	2	6	9	13	6	6	5	5	28	38	40	31	40	43	18	10	9	7	2	14
6	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	3	4	5	17	14	3
7	8	2	7	4	1	0	0	0	0	6	12	16	24	25	23	25	34	38	31	35	30	30	31	29	17
8	16	9	2	2	4	8	36	79	74	46	34	35	34	37	38	-	53	55	50	45	33	26	6	3	32
9	3	2	1	0	0	1	4	9	4	1	1	0	1	2	2	2	4	6	8	8	7	8	11	19	4
10	33	18	19	8	2	6	7	58	51	33	29	30	52	41	42	42	****	63	49	46	40	33	28	26	33
11	22	12	1	0	3	9	43	85	69	56	46	32	29	31	12	1	8	3	1	3	2	11	11	25	21
12	15	15	9	12	16	17	38	64	79	58	39	39	44	41	49	52	58	46	37	19	9	6	17	5	33
13	4	3	0	0	0	0	0	3	1	6	14	19	12	7	7	5	0	1	2	5	3	1	0	0	4
14	0	0	0	0	0	0	0	0	0	0	2	4	25	15	1	23	31	31	17	21	27	20	16	12	10
15	12	10	6	6	7	20	61	62	60	47	21	13	3	****	24	41	60	52	35	23	12	12	9	15	27
16	24	21	15	13	9	10	24	76	68	36	24	10	10	2	5	9	3	5	7	9	6	7	6	7	17
17	11	9	6	4	6	6	10	19	15	13	8	3	1	1	1	1	2	1	1	0	0	2	4	15	6
18	5	3	1	1	0	0	4	14	21	37	41	25	33	22	35	14	5	3	3	2	1	1	3	5	12
19	5	3	2	1	1	1	3	9	13	5	11	17	19	13	28	36	37	43	43	43	45	34	29	31	20
20	31	27	17	9	6	6	11	28	28	31	35	32	37	41	40	42	46	48	49	41	43	19	26	32	30
21	24	28	22	10	5	3	5	10	11	6	3	13	24	22	36	41	37	39	36	28	14	1	0	0	17
22	0	0	0	0	1	1	4	15	30	16	9	****	26	32	31	23	20	19	5	1	0	0	0	0	10
23	0	0	0	0	0	0	0	1	1	1	1	0	4	3	****	5	4	1	1	1	1	1	1	0	1
24	0	0	0	0	0	0	1	3	6	6	4	1	2	3	6	4	8	8	7	7	7	6	4	3	4
25	2	1	1	0	0	0	1	4	7	10	13	10	4	3	12	13	10	8	6	4	3	2	2	3	5
26	3	1	4	3	2	1	2	4	3	3	2	2	2	2	2	3	3	4	4	4	3	2	2	2	3
27	3	2	1	1	1	1	1	0	0	1	1	1	2	13	18	22	21	18	26	19	17	12	17	10	9
28	2	2	1	1	1	0	0	0	0	2	11	11	21	21	21	19	15	25	30	28	26	22	28	23	13
29	6	3	1	1	2	5	22	49	30	7	16	13	****	6	11	11	3	3	3	2	1	1	1	0	9
30	0	1	1	0	0	1	3	5	6	4	2	1	0	0	0	16	34	22	3	1	1	1	1	2	4
MEAN	13	9	7	5	4	5	14	28	26	19	15	13	15	16	18	19	21	23	20	19	15	12	13	14	15.1

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	0	0	1	2	6	15	15	10	9	3	3	5	5	5	4	4	3	4	5	5	5	5
2	3	3	3	2	1	1	3	22	23	34	27	27	24	26	29	35	49	47	41	18	3	2	2	9	18
3	23	18	11	7	6	15	41	59	60	53	37	18	14	7	5	5	8	11	15	37	53	39	30	7	24
4	4	3	3	2	1	1	2	5	27	30	29	33	37	40	39	43	45	44	15	7	9	13	8	4	19
5	4	4	3	1	1	1	3	4	4	2	7	13	7	3	3	4	7	11	12	13	13	16	27	62	9
6	41	30	26	37	39	40	6	2	2	1	1	2	-	2	1	2	3	7	7	7	8	1	2	2	12
7	2	4	3	5	4	5	22	31	23	29	27	24	23	28	30	42	54	56	49	40	34	30	32	26	26
8	25	21	12	7	8	10	25	70	79	72	59	19	11	****	5	7	15	4	2	2	3	1	1	0	20
9	0	8	6	6	4	7	19	69	78	54	50	56	57	55	23	7	33	49	46	49	50	4	1	1	31
10	1	2	1	1	2	3	8	17	10	7	2	1	2	****	2	1	2	2	1	1	2	1	5	6	3
11	7	6	3	2	1	0	0	1	3	10	16	1	2	3	0	1	2	2	2	5	8	3	5	5	4
12	2	2	3	4	2	1	2	3	4	5	6	3	4	3	6	26	3	2	2	18	22	17	9	6	6
13	4	1	1	1	1	3	11	38	33	41	34	38	****	47	46	21	43	101	74	47	70	23	18	18	31
14	17	8	3	1	1	1	2	6	3	4	4	1	2	1	****	1	1	1	0	1	0	2	3	4	3
15	0	0	1	0	1	1	2	8	12	14	25	33	****	25	3	4	8	18	31	41	71	130	105	79	27
16	53	19	10	29	30	29	51	65	69	73	65	58	59	64	67	68	71	72	63	62	51	33	28	13	50
17	5	8	2	1	0	0	2	4	4	5	8	8	15	****	51	50	51	46	40	36	36	35	34	20	20
18	18	14	8	4	3	2	5	14	19	25	26	29	41	46	48	50	62	46	16	9	6	7	8	6	21
19	83	94	91	63	43	40	37	50	61	22	12	10	7	7	25	56	78	85	51	88	76	58	19	23	49
20	12	7	14	9	2	1	2	3	7	46	87	72	****	****	29	31	33	31	27	25	19	17	16	11	23
21	7	4	2	1	1	2	14	28	31	23	24	25	23	24	27	33	33	34	43	33	28	6	17	17	20
22	12	9	5	0	1	1	0	1	1	2	5	3	-	-	-	3	3	4	2	2	5	5	4	2	3
23	1	0	0	0	0	0	0	3	5	4	18	24	41	50	30	26	67	65	58	41	28	26	20	21	21
24	11	7	3	1	3	2	4	4	10	3	2	1	1	1	1	3	3	1	1	2	1	0	1	2	3
25	8	7	5	5	4	2	2	2	2	2	1	1	4	8	8	6	37	51	34	34	21	5	5	12	11
26	29	22	11	5	3	2	4	1	2	12	14	6	21	32	40	48	50	52	42	30	26	20	18	19	21
27	19	11	5	2	0	1	4	20	23	18	14	22	5	3	2	2	2	2	8	41	42	32	28	25	14
28	18	10	3	2	2	5	13	35	34	31	25	30	33	38	45	47	57	58	55	46	40	32	33	30	30
29	26	13	8	6	5	2	5	8	14	11	8	4	7	8	5	6	10	2	1	1	1	0	0	0	6
30	3	2	2	3	3	3	3	6	11	10	10	7	4	22	19	30	44	32	23	12	19	20	15	17	13
31	22	16	6	3	1	1	1	1	1	1	1	****	24	39	43	45	46	40	35	28	25	25	10	7	19
MEAN	15	11	8	7	6	6	10	19	22	21	21	19	17	22	23	23	29	32	26	25	25	20	17	15	18.2

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	17.9	38	78
FEB	20	16.5	27	92
MAR	29	14.1	29	67
APR	18	17.1	28	62
MAY	25	14.2	27	58
JUN	30	15.9	34	92
JUL	28	14.6	29	64
AUG	31	15.6	34	94
SEP	30	15.2	34	90
OCT	30	19.2	45	101
NOV	30	15.1	41	104
DEC	31	18.2	50	130
YEAR	328	16.1	50	130

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	60	227	155	96	55	32	23	648
FEB	58	168	130	58	31	20	17	482
MAR	178	223	145	76	46	18	16	702
APR	73	75	139	97	32	13	6	435
MAY	231	92	113	103	54	20	8	621
JUN	249	144	107	92	43	27	44	706
JUL	195	144	158	98	68	17	7	687
AUG	267	123	102	111	80	23	26	732
SEP	264	104	116	121	57	22	26	710
OCT	257	75	111	87	75	54	58	717
NOV	330	93	86	67	61	35	39	711
DEC	308	88	83	83	57	47	62	728
YEAR	2470	1556	1445	1089	659	328	332	7879

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.8	0	1.1	4.7	9.6	20.4	37.6	47.8	60.1	68.3	130	16.1

## POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002				SC CTR 770 OON MILLS RO. NORTH YORK															MONTH - JAN 76											24	MEAN
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23								
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	6	2						
2	9	6	2	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	2						
3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
5	1	2	1	1	1	0	1	4	8	15	23	17	8	4	2	2	1	1	2	2	3	2	4	6	5						
6	5	4	4	4	3	3	5	7	5	4	4	4	4	4	5	3	3	3	5	4	3	3	2	2	4						
7	3	2	1	1	1	1	1	2	4	4	5	4	4	2	1	1	1	1	1	1	1	1	1	1	2						
8	0	0	0	0	0	0	0	5	12	11	7	7	14	5	2	1	2	2	2	1	1	1	3	3	3						
9	2	1	1	1	1	2	2	3	5	4	4	3	3	2	2	2	2	2	2	2	3	3	3	2	2						
10	2	3	2	2	2	3	3	4	5	5	4	2	2	2	2	1	1	1	1	4	5	10	15	18	4						
11	16	5	5	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1	2	2	2	2	2						
12	1	1	1	1	1	1	1	1	3	5	6	7	9	6	5	8	11	7	15	21	2	2	2	1	5						
13	1	1	1	1	1	2	3	7	8	7	6	5	5	3	5	6	7	5	3	2	2	2	2	2	4						
14	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
15	1	1	1	1	1	1	1	3	6	5	4	4	4	2	1	2	2	4	4	2	5	8	1	1	3						
16	1	1	1	1	1	1	1	1	3	3	3	2	3	2	1	1	1	1	1	1	1	1	1	1	1						
17	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	3	6	7	5	1	2	1	2						
18	1	1	1	1	0	0	0	1	1	1	2	2	2	3	2	2	5	5	9	15	16	10	5	8	4						
19	12	6	4	4	3	3	3	5	5	3	3	2	2	2	2	2	2	4	3	2	2	2	2	2	3						
20	1	2	2	2	1	1	1	2	3	3	3	2	3	3	2	2	2	2	1	1	1	1	1	1	2						
21	2	1	3	2	2	1	2	4	4	3	4	3	3	3	3	4	5	5	6	3	1	1	1	1	3						
22	0	0	0	0	0	0	1	2	2	1	1	1	1	1	2	2	2	4	3	2	1	1	1	1	1						
23	1	1	1	1	1	1	3	7	18	22	19	17	16	13	9	7	6	5	3	3	3	2	2	2	7						
24	1	1	1	1	1	1	1	2	2	3	3	4	3	3	3	3	3	3	3	5	13	10	12	19	4						
25	21	24	27	27	20	18	10	4	5	4	4	3	2	2	3	1	1	1	1	1	1	1	1	1	8						
26	1	1	1	1	1	2	4	6	7	9	5	4	4	6	10	11	14	15	10	5	3	2	1	1	5						
27	1	1	1	1	1	1	1	5	8	4	2	3	3	3	3	2	2	3	6	8	6	10	11	4	4						
28	1	1	1	1	1	1	1	3	6	4	2	2	2	3	3	2	2	2	2	1	1	1	1	2	2						
29	3	5	3	2	2	2	2	4	5	3	2	2	2	1	1	1	1	1	2	1	1	1	2	4	2						
30	5	6	3	1	1	1	3	8	9	7	4	4	4	4	4	3	2	3	2	4	11	13	13	15	6						
31	19	22	26	29	33	36	37	40	37	34	28	5	4	3	2	2	2	2	1	1	1	1	1	1	15						
MEAN	4	3	3	3	3	3	3	4	6	6	5	4	4	3	3	2	3	3	3	3	4	3	3	4	3.5						

PERCENTAGE OF OATA VALIO - 97.8

PERCENTAGE OF OATA INVALIDO - 2.2

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INOICATES INVALIDO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

## POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002				SC CTR 770 OON MILLS RO. NORTH YORK												MONTH - FEB 76											
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	4	3	2	1	1	1	1	1	1	2		
2	1	1	1	1	1	1	1	1	2	3	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1		
3	1	1	2	1	1	1	2	3	4	4	3	4	5	4	4	3	2	1	2	6	2	3	5	8	3		
4	4	3	2	2	3	3	3	3	3	3	2	2	2	2	1	1	1	1	2	3	6	5	4	5	3		
5	10	2	4	4	2	3	3	6	9	6	5	5	4	4	3	3	3	5	5	4	5	10	11	14	5		
6	14	12	11	12	13	15	11	6	9	4	2	4	4	2	2	2	2	2	2	2	2	2	2	2	6		
7	1	1	1	1	1	1	1	1	3	4	3	3	4	2	2	1	1	2	2	2	1	1	1	1	2		
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
9	1	1	1	1	1	1	2	11	21	23	13	4	4	4	4	3	2	2	1	2	1	1	1	1	4		
10	1	1	1	1	1	1	1	5	5	7	5	5	4	4	4	3	4	3	5	4	1	1	1	1	3		
11	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1		
12	1	1	1	1	1	1	2	4	3	2	2	2	4	3	2	2	2	2	2	2	2	2	2	2	2		
13	1	1	1	1	1	2	2	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
14	1	1	1	1	1	1	3	3	4	2	2	2	2	2	2	2	1	1	2	3	2	1	1	4	2		
15	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	2	1	1	1	1		
16	1	1	1	1	1	1	1	3	9	5	4	4	4	5	4	5	6	3	1	1	1	1	1	1	3		
17	1	1	1	1	1	1	1	3	2	1	1	1	2	1	1	1	2	2	1	2	3	3	2	1	2		
18	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	6	7	4	5	7	3	2	1	2		
19	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1		
20	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	2	7	13	11	19	18	19	5		
21	28	29	27	26	11	5	3	3	4	2	2	2	2	3	3	3	3	5	6	4	4	6	5	2	8		
22	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
23	1	0	0	0	0	0	1	1	2	2	2	4	2	2	2	2	2	1	1	1	1	1	4	1	1		
24	1	1	1	1	1	1	2	4	4	3	3	3	3	2	2	2	2	2	2	3	4	15	21	22	4		
25	22	23	26	26	27	30	33	42	43	8	4	3	2	2	2	2	2	2	1	2	3	1	1	1	13		
26	1	4	4	4	5	5	9	20	32	19	4	4	3	4	5	9	11	7	5	6	3	2	2	2	7		
27	2	1	1	1	1	1	1	3	4	2	1	1	1	1	1	2	4	5	5	3	2	2	1	1	2		
28	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1		
29	1	1	1	1	1	1	1	2	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1		
MEAN	4	3	3	3	3	3	3	5	6	4	3	2	2	2	2	2	2	2	2	3	2	3	3	3	3.1		

PERCENTAGE OF OATA VALIO - 98.4

PERCENTAGE OF OATA INVALIDO - 1.6

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INOICATES INVALIDO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - C NO 34002					SC CTR 770 DON MILLS RD. NORTH YORK							MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	3	5	4	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	3	4	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2
4	2	5	6	8	9	2	2	8	10	5	3	***	2	2	2	2	2	1	1	1	1	1	1	1	3
5	1	1	2	1	1	2	7	15	25	23	5	5	3	2	1	1	1	1	1	1	1	0	0	0	4
6	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1
7	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1
8	1	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	5	12	2
9	13	12	11	12	14	17	22	32	4	2	1	1	1	1	1	2	1	1	2	2	3	3	2	3	7
10	3	3	3	2	2	3	4	6	5	5	6	7	6	5	5	6	10	9	5	7	1	1	1	1	4
11	1	1	1	1	0	0	1	2	2	1	1	****	****	1	1	1	1	1	1	1	4	3	8	12	2
12	15	15	9	2	0	0	1	1	2	2	1	****	3	2	2	2	2	3	3	3	2	2	2	2	3
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1
16	2	1	1	1	1	1	1	2	3	3	3	2	3	4	3	2	1	2	3	1	1	1	1	1	2
17	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	3	1
18	3	1	3	3	3	3	7	18	20	6	3	2	2	2	2	2	2	1	1	1	1	1	1	2	4
19	2	1	1	2	3	3	5	13	9	7	2	2	2	2	2	2	1	1	1	1	2	1	1	1	3
20	1	1	2	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	1	1	1	2	1	2	****	3	2	2	2	1	1	2	1	1	1	3	1
23	2	1	1	1	1	1	2	3	5	5	3	1	1	1	1	1	2	1	2	1	1	2	2	2	2
24	2	2	1	1	1	1	2	3	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	4	4	3	1	1	1	1	1	1	1	1	1	1	1	3	2	5	2
26	9	8	6	5	5	5	9	15	2	1	2	1	3	2	2	3	2	2	3	7	7	12	13	16	6
27	20	26	28	28	26	12	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	7
28	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	4	9	8	8	2
29	8	8	7	7	2	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
30	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	5	16	2
31	7	1	1	1	1	1	1	2	4	5	6	9	13	8	7	4	4	5	7	9	12	13	10	4	6
MEAN	3	3	3	3	3	2	3	5	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2.5

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION												
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK														MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	1	2	3	4	2	2	2	1	1	1	1	1	1	1	1	1	1	2		
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	6	4	2	4	2	
3	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	
5	1	1	0	0	0	0	1	1	2	1	0	0	***	1	1	1	1	1	1	1	1	1	6	5	6	1
6	8	6	3	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
7	6	4	3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	1	1	1	1	1	1	1	2	2	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	
9	1	1	1	1	1	1	1	5	5	2	1	1	2	2	2	2	2	2	3	7	12	11	18	18	4	
10	18	16	12	11	2	2	3	4	3	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	4	
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12	1	1	1	1	1	1	1	1	1	1	1	***	***	1	1	1	1	1	1	1	1	1	1	1	1	
13	1	1	1	1	1	1	1	4	3	2	1	1	1	1	1	1	1	1	1	1	2	3	4	10	2	
14	11	13	12	11	11	11	14	14	15	7	4	4	3	1	1	1	1	1	1	1	2	1	4	4	6	
15	2	3	4	1	1	1	1	6	5	5	5	***	4	3	4	3	4	2	3	4	2	2	2	2	3	
16	3	4	1	1	1	1	3	4	5	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	2	
17	1	1	1	1	1	2	2	3	2	3	2	2	2	1	1	1	1	1	1	1	2	6	10	11	3	
18	13	14	15	13	15	17	20	15	2	2	1	1	1	1	1	1	1	1	1	2	2	3	7	4	6	
19	4	2	3	2	1	1	2	15	10	4	3	2	1	1	1	1	1	1	1	1	2	3	4	7	3	
20	1	1	1	1	1	1	1	2	1	1	1	***	-	2	2	2	1	1	1	1	2	5	5	8	2	
21	8	4	3	2	1	1	1	1	1	1	1	1	2	3	5	4	5	3	2	3	10	12	17	1	4	
22	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	5	3	3	3	2	2	
24	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	3	2	2	2	2	2	2	2	
25	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	
26	1	1	1	1	1	1	2	2	2	2	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	
27	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
28	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	1	1	1	1	1	3	9	5	3	1	1	***	***	1	1	1	1	1	1	1	4	9	12	12	3	
30	10	11	11	10	10	11	21	19	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	
MEAN	4	3	3	2	2	2	3	4	3	2	2	1	2	1	1	1	1	1	1	2	2	3	4	4	2.3	

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RO. NORTH YORK

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	5	5	5	5	6	8	6	4	4	3	2	2	2	1	1	1	1	1	1	2	2	2	3
2	1	3	6	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
4	0	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	2	2	2	2	2	2	***	***	3	4	3	3	2	2	2	1	1	1	2
7	0	0	0	0	0	1	3	3	2	2	1	2	0	1	2	2	2	1	1	1	1	1	2	5	1
8	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	2	2	2	2	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	5	12	12	11	3
10	12	15	16	17	18	22	29	15	2	2	0	1	2	1	2	2	2	1	1	1	1	1	2	2	7
11	0	1	1	1	1	1	4	8	10	6	4	3	2	1	2	5	2	1	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	6	1
13	6	7	3	2	1	1	3	3	3	3	2	***	1	1	1	1	1	1	1	1	1	1	3	5	2
14	6	5	2	1	1	2	7	12	7	6	5	5	4	4	5	4	3	3	5	7	8	12	15	16	6
15	16	17	16	17	17	16	12	9	6	6	5	2	2	2	2	2	2	2	1	2	1	2	1	1	7
16	2	1	1	1	2	1	1	1	2	1	1	1	2	2	3	3	3	2	3	2	5	10	5	6	3
17	5	2	2	2	2	2	3	4	4	3	3	0	0	0	4	3	4	2	1	1	1	1	1	1	2
18	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	4	3	2	0	0	3	2	2	1	1	1	1	2	10	11	12	19	3
21	23	18	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	3
22	2	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
23	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	2	1	1	1	1	1	1	3	1	1	1	1	1	2	5	2	1	3	5	2
25	4	3	4	4	3	5	1	5	4	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	3
26	2	1	1	***	2	4	10	0	8	5	2	1	2	1	1	3	2	2	2	1	7	12	13	15	4
27	16	14	13	11	11	12	16	10	3	2	2	***	2	1	1	1	1	1	1	1	2	1	4	11	6
28	8	7	6	6	7	10	16	14	3	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	4
29	1	4	3	2	3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	1	1	1
31	1	1	1	1	1	1	3	4	4	2	2	3	3	2	3	3	3	2	3	5	7	8	10	5	3
MEAN	4	4	3	3	3	3	4	4	3	2	2	1	2	1	2	2	2	1	1	2	2	3	3	4	2.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RO. NORTH YORK

MONTH - JUN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	4	4	2	2	3	4	3	2	3	4	6	11	10	11	13	21	23	24	7
2	26	31	31	27	21	16	18	8	2	1	1	1	1	1	1	1	1	1	1	8	10	12	17	10	
3	21	26	27	25	21	20	20	18	2	2	3	***	***	1	1	1	1	1	1	11	11	15	19	11	
4	24	26	25	21	16	14	12	3	2	1	1	1	1	1	1	1	1	1	1	7	9	11	14	8	
5	19	21	20	18	15	14	11	6	5	1	2	2	1	1	1	1	1	1	1	2	8	9	12	16	8
6	20	22	23	21	18	14	10	6	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	6	
7	2	2	2	2	2	3	4	2	2	2	2	***	1	1	1	1	1	1	1	2	7	6	8	6	3
8	6	4	3	2	2	4	5	4	2	1	1	1	1	1	1	1	1	1	1	5	8	9	9	3	
9	10	10	10	9	4	7	4	2	2	2	2	1	1	1	1	1	1	1	1	1	2	4	6	4	4
10	3	4	5	3	3	2	3	3	2	2	2	2	1	***	1	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	2	3	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	
14	1	1	1	1	1	1	4	3	3	2	***	2	1	1	1	2	1	1	1	2	2	7	8	2	
15	6	8	6	5	4	4	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	
16	3	3	1	1	2	2	2	2	3	2	2	1	2	3	3	2	2	2	2	2	3	3	5	2	2
17	1	1	1	1	1	1	2	3	***	***	***	***	***	***	2	2	1	2	1	1	2	11	13	15	3
18	19	22	23	25	24	23	13	4	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	7
19	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	3	2	2	2
20	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	3	8	12	17	11	3
21	6	4	2	1	2	3	7	4	3	2	1	1	2	1	1	2	2	2	2	1	2	2	2	3	2
22	2	2	3	2	2	4	6	10	8	4	4	3	2	2	2	2	2	2	1	2	5	8	7	7	4
23	7	6	7	5	2	4	8	7	2	1	1	1	2	2	2	2	2	2	2	2	3	6	5	3	
24	2	2	1	1	2	4	8	4	3	2	2	2	***	***	2	2	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	2	4	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	
27	1	2	3	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	***	***	***	***	***	***	1	2	5	3	3	2	3	3	2	1	2	4
29	1	1	1	1	1	3	5	9	5	2	2	1	1	1	1	2	3	7	7	5	12	9	10	11	4
30	14	14	5	1	1	1	1	1	1	1	***	-	2	2	2	2	1	1	1	1	1	1	1	1	3
MEAN	7	7	7	6	5	5	5	4	3	2	2	2	1	1	2	2	2	2	2	4	5	6	6	3.8	

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 34002 SC CTR 770 OON MILLS RD. NORTH YORK														MONTH - JUL 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	1	1	1	1	2	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	2	3	5	6	7	10	12	3
4	10	6	6	3	3	2	2	1	1	2	1	2	1	1	1	1	1	1	1	5	8	10	11	12	4
5	13	12	10	10	14	15	9	4	5	2	0	0	2	2	2	1	1	1	1	2	4	6	8	12	6
6	16	14	11	6	4	6	11	17	4	3	3	2	2	1	1	1	1	1	1	1	3	4	6	6	5
7	5	4	4	4	4	8	14	12	3	3	2	2	2	2	1	1	1	1	2	2	2	5	5	4	4
8	6	6	6	2	1	1	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9																									
10																									
11																									
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	****
13	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	2	1	1	1	1	2	3	4	5	5	3	4	2	1	1	1	2	3	10	8	4	4	4	3
15	4	1	2	3	4	4	5	10	10	4	2	1	1	1	1	1	1	1	3	1	1	1	1	2	3
16	3	3	2	2	1	1	4	12	7	3	6	4	1	1	1	1	1	1	1	1	1	1	1	1	3
17	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	0	2	3	2	1	1
18	2	2	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	2	6	4	1	1
19	1	0	0	0	0	0	1	2	2	1	-	****	****	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1
21	1	1	1	1	1	1	1	5	4	2	2	2	2	2	1	1	1	1	1	1	3	8	10	14	3
22	13	7	1	1	1	1	2	3	2	2	2	2	1	1	1	1	2	1	2	1	2	2	2	2	2
23	0	0	1	1	1	3	5	9	4	2	3	3	3	1	1	1	1	1	1	2	2	2	2	3	2
24	3	4	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1
25	3	3	1	1	2	2	3	3	2	2	2	2	1	1	1	1	1	1	1	2	5	8	9	9	3
26	8	10	12	14	15	15	14	9	3	2	-	1	1	1	1	1	0	0	1	1	****	****	****	****	6
27	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	2	9	10	11	****
28	11	9	5	3	2	3	9	9	3	3	4	3	2	2	1	1	1	1	1	1	1	1	1	1	3
29	0	0	0	0	1	1	1	1	1	1	****	1	1	1	2	5	4	3	3	2	2	1	1	1	1
30	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
31																									
MEAN	4	4	3	2	3	3	4	5	3	2	2	2	1	1	1	1	1	1	1	2	2	3	4	5	2.5

PERCENTAGE OF DATA VALID - 78.2

PERCENTAGE OF DATA INVALID - 21.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK														MONTH - AUG 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17	****	****	****	****	****	****	****	****	****	****	2	1	1	1	1	1	1	1	1	8	21	20	22	20	*****
18	17	9	2	2	1	3	9	14	13	6	3	2	1	1	2	1	1	1	1	1	8	14	15	18	6
19	20	23	23	22	19	17	24	35	16	2	1	1	1	-	-	1	1	1	1	2	8	12	11	12	12
20	14	16	17	17	17	18	25	18	7	2	1	1	1	1	1	1	1	1	1	1	1	3	5	7	7
21	8	5	4	3	3	3	4	2	1	1	1	0	1	1	1	1	1	1	1	1	1	2	3	7	2
22	9	8	6	5	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	1	6	6	8	10	3
23	8	8	8	7	5	6	3	2	2	1	1	****	****	1	1	1	1	1	1	1	1	1	2	1	3
24	1	1	1	1	1	2	6	6	4	1	1	1	2	1	1	1	1	0	0	6	7	10	14	3	
25	18	21	21	20	20	21	30	31	37	20	5	1	1	1	1	1	1	1	1	10	9	12	15	13	
26	19	22	25	24	21	20	21	25	28	12	1	****	1	1	1	0	0	0	0	1	2	1	1	1	10
27	1	2	2	2	3	5	14	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	6	3	2	1
29	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	1	1	3	2	1	1	0	0	0	0	0	0	1	1	1	1	2	4	7	11	10	2
31	10	8	5	5	6	13	21	9	5	3	1	1	1	1	1	1	1	1	1	0	1	1	1	1	4
MEAN	9	9	8	8	7	8	12	11	8	4	1	1	1	1	1	1	1	1	1	2	5	6	7	8	5.0

PERCENTAGE OF DATA VALID - 46.4

PERCENTAGE OF DATA INVALID - 21.1

PERCENTAGE OF DATA UNAVAILABLE - 32.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC DIOXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH - SEP 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	1	1	7	9	2	2	1	1	1	1	1	2	1	1	1	1	1	2	2	1	2
2	1	1	1	1	1	6	7	5	2	1	****	-	****	1	1	1	0	1	1	3	9	10	13	19	4
3	22	25	29	29	27	25	30	43	18	1	1	1	1	0	****	1	1	1	0	0	0	0	0	0	11
4	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
6	4	4	4	3	2	2	2	2	1	1	0	0	0	0	1	1	1	1	1	9	11	12	15	14	4
7	13	12	11	11	10	11	11	8	7	4	1	****	1	1	0	0	0	0	0	0	0	0	1	1	4
8	3	2	3	4	5	7	16	22	16	11	1	1	0	0	0	0	0	0	0	2	4	5	4	4	4
9	6	5	2	1	1	1	2	6	3	1	****	****	1	1	1	0	0	1	1	1	1	4	3	5	2
10	5	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	1
11	0	0	D	0	D	0	0	1	0	0	0	0	0	1	1	0	1	1	1	6	9	9	10	16	2
12	18	19	21	22	25	28	30	29	16	2	2	2	1	1	0	0	0	0	0	1	1	3	9	11	10
13	8	7	7	8	10	11	15	22	18	6	4	****	****	1	1	1	0	0	0	0	0	0	0	0	5
14	1	3	2	3	3	5	9	19	28	10	5	3	1	1	1	1	1	1	1	1	2	2	3	0	4
15	1	2	1	1	2	3	10	20	4	2	1	1	1	1	1	1	1	1	1	3	4	7	9	3	3
16	1	1	1	1	1	1	3	2	2	2	2	2	****	1	1	1	1	1	1	1	1	2	1	1	1
17	1	1	1	1	1	1	2	2	3	2	2	2	3	3	2	2	3	3	4	5	4	4	3	3	2
18	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	6	9	11	4	2	2
19	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	4	1	1	1
20	1	1	1	1	1	1	2	4	3	4	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	6	15	10	3	2	1	1	1	1	1	2	3	4	3	2	2	2	2	3
22	1	1	1	1	1	1	2	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	1
23	4	6	4	1	1	1	1	1	2	****	1	1	1	1	1	1	1	1	1	2	2	1	1	0	2
24	D	0	1	1	1	2	9	11	5	3	1	1	1	1	1	1	2	2	4	6	10	14	13	6	4
25	5	5	5	4	5	7	9	6	2	2	2	2	1	1	1	1	1	1	1	1	1	1	3	6	3
26	9	8	6	5	4	4	2	1	1	2	2	2	2	2	1	1	2	3	2	2	1	1	1	1	3
27	1	1	1	1	1	2	7	5	3	2	****	****	2	2	2	2	4	9	10	10	2	2	1	1	3
28	0	0	0	0	1	1	3	6	3	1	1	1	1	1	1	1	1	1	4	6	9	14	5	3	3
29	2	1	1	1	1	2	4	5	4	2	1	1	1	1	1	1	1	1	1	1	2	7	7	3	2
30	3	4	3	4	5	6	14	28	12	2	1	1	****	1	2	1	1	1	1	7	11	15	20	25	7
MEAN	4	4	4	4	4	4	7	9	6	2	1	1	1	1	1	1	1	1	2	3	3	5	5	5	3.3

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NDRTH YORK

MONTH - OCT 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	31	33	30	22	19	16	12	7	3	2	2	1	1	1	2	2	1	5	12	22	6	12	17	12
2	20	27	25	23	22	21	21	20	16	8	1	2	2	1	1	3	3	6	7	10	16	18	26	35	14
3	40	43	41	38	34	28	19	9	3	1	1	1	2	1	1	1	1	2	2	9	10	16	21	26	15
4	31	35	34	29	23	19	24	33	27	3	****	4	2	1	1	1	1	1	1	5	9	11	12	14	14
5	15	15	14	14	14	16	25	32	11	2	1	1	1	1	1	1	1	1	1	6	10	12	14	5	9
6	1	1	1	1	1	1	3	5	3	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	2
7	1	1	1	1	1	1	1	1	1	****	****	2	1	1	1	1	1	2	4	5	6	3	2	1	2
8	1	1	1	1	1	1	5	8	7	4	4	3	3	2	1	3	4	3	4	4	4	5	5	5	3
9	3	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	0	0	0	D	1	1	0	0	0	0	0	0	0	0	0	D	1	3	4	4	10	1
11	9	8	9	8	7	7	8	9	8	5	1	1	1	1	1	1	1	1	3	5	11	12	17	18	6
12	16	19	19	19	19	21	26	36	33	3	2	1	1	1	1	1	1	1	2	1	3	4	3	1	10
13	1	1	1	1	1	1	4	8	10	3	1	1	1	1	1	1	1	1	1	0	D	0	0	0	2
14	0	0	D	D	0	0	1	2	1	1	1	****	****	1	1	1	1	1	4	1	1	3	8	5	2
15	1	1	1	1	1	1	5	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	0	1	D	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	5	8	2
17	12	12	11	10	9	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
18	1	1	1	D	1	2	5	8	4	1	1	****	1	1	1	1	1	1	1	2	1	1	2	4	2
19	3	1	1	1	1	2	6	10	7	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3
20	1	1	1	1	1	4	2	4	4	3	4	6	2	2	4	4	3	2	3	10	4	3	2	1	3
21	1	1	D	D	0	1	3	4	3	1	1	1	-	****	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	4	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	8	13	13	18	25	34	6
24	30	6	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	3
25	1	1	1	1	1	1	4	4	4	3	4	****	3	2	3	4	3	3	2	2	5	9	9	3	3
26	12	15	6	1	1	2	5	8	6	3	1	1	1	1	1	1	2	1	2	3	4	6	10	10	4
27	4	5	4	3	3	5	14	22	12	3	1	1	1	1	1	1	1	1	4	9	13	12	12	6	6
28	2	1	1	1	1	1	2	3	4	3	2	1	1	****	1	1	1	1	1	2	1	1	1	1	1
29	0	1	D	1	1	1	1	3	5	4	3	2	2	1	1	3	3	6	2	1	1	1	4	4	2
30	3	5	5	6	3	4	5	10	5	6	5	6	7	5	7	4	10	12	14	11	5	3	2	5	6
31	5	5	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	6	2
MEAN	8	8	7	6	6	5	7	9	6	3	2	2	1	1	1	2	2	2	3	4	5	5	7	8	4.6

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 34002 SC CTR 770 OON MILLS RD. NORTH YORK														MONTH - NOV 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	1	1	0	0	0	2	5	15	4	1	1	1	0	0	0	1	8	6	9	13	15	20	27	6
2	26	23	19	15	14	14	16	24	39	24	7	5	3	3	2	2	2	2	4	2	2	4	5	11	7
3	3	6	4	3	3	2	2	6	10	8	6	5	3	2	2	1	1	1	6	9	19	19	22	30	7
4	39	41	41	37	1	1	3	13	18	24	4	2	****	1	1	2	3	2	2	1	1	1	2	3	11
5	2	1	1	1	3	2	3	7	10	6	6	4	4	3	2	2	1	2	5	4	5	3	2	2	3
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	1	1
7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	0
8	0	0	0	0	0	0	0	4	4	1	1	1	0	1	1	1	1	1	1	1	2	2	1	1	1
9	1	1	1	1	1	1	2	11	2	2	1	1	2	2	3	2	2	4	5	4	4	5	5	3	3
10	6	4	3	4	2	1	1	6	9	6	2	2	1	1	1	1	1	2	2	2	1	1	1	0	3
11	1	1	1	0	0	1	1	5	4	2	1	1	1	1	1	1	1	1	1	1	1	2	4	4	2
12	3	2	1	0	1	1	4	11	13	7	4	1	****	1	1	1	2	2	2	3	4	3	2	3	1
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	3
14	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	3	9	13	15	19	24	4
15	17	11	15	11	11	12	16	27	39	32	9	9	4	****	1	1	2	6	10	12	9	11	16	17	13
16	17	20	19	16	15	15	17	26	40	15	7	3	2	1	2	2	2	3	3	4	8	5	4	6	11
17	6	4	3	3	5	5	5	8	10	7	5	4	2	2	2	2	2	1	1	1	1	1	1	1	3
18	1	1	1	1	1	2	3	6	9	6	2	1	1	1	1	1	2	2	2	1	1	1	2	4	2
19	3	3	2	2	2	2	3	5	7	5	2	1	1	1	1	1	2	2	1	3	2	2	1	1	2
20	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	0	0	0	0	0	0	0	1	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	0	0	1	2	3	2	1	****	****	1	2	2	2	2	1	1	1	0	1	0	1
23	1	1	1	1	1	1	1	1	2	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	1
24	0	0	0	0	0	0	0	2	3	3	2	1	1	1	1	1	2	3	3	3	2	3	2	2	2
25	1	1	1	1	0	0	1	3	7	13	15	7	5	6	6	8	12	10	5	5	4	3	3	4	5
26	3	2	3	4	4	1	1	3	3	3	2	2	2	2	2	2	2	3	2	2	1	1	2	2	2
27	3	1	1	1	0	0	0	1	1	1	1	2	0	0	0	0	0	0	1	0	0	0	0	0	1
28	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	1	1	0	0	-	-	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1
MEAN	5	4	4	4	2	2	3	6	9	6	3	2	2	1	1	1	2	2	2	3	4	3	4	5	3.4

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - C NO 34002 SC CTR 770 OON MILLS RD. NORTH YORK														MONTH - DEC 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	4	7	6	7	3	2	2	2	2	2	2	3	3	2	2	2	3	3
2	2	2	1	1	1	1	2	2	4	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2
3	3	2	1	1	1	1	3	10	20	23	****	11	7	5	3	1	2	4	5	6	9	13	8	2	6
4	1	1	1	1	1	1	1	1	3	4	4	4	5	5	4	4	4	5	7	11	14	10	3	2	4
5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	7	9	9	10	22	23	4
6	23	19	19	20	21	10	2	2	2	2	2	2	2	2	-	****	5	6	4	6	7	1	1	1	7
7	3	3	5	4	2	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	3	7	6	4	6	4	3	2	5	8	2	1	1	1	1	1	1	3
9	1	1	1	1	1	1	1	3	6	4	4	5	5	7	6	2	5	9	11	12	3	2	2	1	4
10	1	2	1	1	2	4	10	18	5	5	****	****	****	****	****	2	1	1	1	1	1	1	1	1	3
11	1	0	0	0	0	1	1	1	1	2	1	1	1	2	1	1	1	2	1	1	2	2	2	2	1
12	2	2	2	3	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	2
13	1	0	1	1	0	1	1	1	1	1	1	****	****	2	2	3	5	10	19	17	13	11	10	7	5
14	7	6	5	2	2	1	2	3	4	5	3	3	2	3	2	2	1	1	1	1	1	1	1	1	3
15	1	1	1	1	2	2	3	5	6	6	4	3	3	3	3	4	5	9	22	27	31	36	****	51	10
16	56	56	54	53	48	44	24	21	21	17	17	15	13	****	12	10	12	10	9	9	5	4	3	2	22
17	2	2	1	1	2	2	2	2	3	5	5	5	5	4	2	1	2	1	1	1	1	1	1	1	2
18	1	1	1	1	0	****	0	0	0	1	1	1	1	1	1	1	4	7	6	5	5	3	2	2	2
19	6	10	12	12	18	21	25	28	30	31	29	10	6	4	4	6	14	18	28	34	38	43	47	48	22
20	45	18	12	9	6	4	3	5	8	14	23	26	15	****	2	1	1	0	0	0	0	0	0	0	8
21	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0
22	1	1	1	0	0	0	0	1	1	3	3	2	2	2	2	2	2	1	1	1	1	1	1	2	1
23	1	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	3	3	3	2	1	1	1	1	2
24	1	1	0	0	0	1	1	2	****	3	2	1	1	1	2	2	1	1	1	0	1	1	1	1	1
25	2	2	2	2	3	2	2	2	2	2	2	****	2	2	2	2	1	1	3	6	4	3	3	3	2
26	4	3	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	3	2	1	1	1	1	1	1
27	1	1	1	0	0	1	1	1	1	1	2	2	1	2	2	1	2	1	1	2	5	6	4	4	2
28	3	2	1	1	1	1	1	2	2	2	2	3	3	4	3	4	5	6	5	4	4	4	4	4	3
29	4	3	2	1	1	2	3	4	4	4	4	****	2	2	1	1	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	2	4	4	4	4	3	2	2	1	2	3	5	6	6	5	4	4	3
31	3	2	2	2	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1	1
MEAN	6	5	4	4	4	4	3	4	5	5	5	4	3	2	2	2	3	4	5	6	6	6	4	6	4.3

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.5	15	40
FEB	29	3.1	13	43
MAR	31	2.5	7	32
APR	30	2.3	6	21
MAY	31	2.6	7	29
JUN	30	3.8	11	31
JUL	23	2.5	6	17
AUG	14	5.0	13	37
SEP	30	3.3	11	43
OCT	31	4.6	15	43
NOV	30	3.4	13	41
DEC	31	4.3	22	56
YEAR	341	3.3	22	56

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RD. NORTH YORK

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	625	54	32	11	6	0	0	728
FEB	622	24	21	14	2	2	0	685
MAR	666	41	24	7	1	0	0	739
APR	651	23	35	1	0	0	0	710
MAY	663	35	37	3	0	0	0	738
JUN	580	52	42	24	2	0	0	700
JUL	514	43	25	0	0	0	0	582
AUG	252	36	35	19	3	0	0	345
SEP	592	57	37	18	0	1	0	705
OCT	584	59	51	24	14	2	0	734
NOV	610	43	41	11	6	2	0	713
DEC	609	54	30	18	5	6	5	727
YEAR	6968	521	410	150	39	13	5	8106

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.3	0	0.1	0.5	0.9	2.0	7.7	13.8	21.8	27.4	56	3.3



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 34D07 BATHURST/WILSON, NORTH YORK													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	2	1
2	3	2	2	4	3	3	4	14	26	31	14	13	14	15	23	28	21	22	18	13	9	11	12	14	13
3	9	7	5	4	3	1	1	1	1	4	1	2	2	3	3	2	5	5	5	5	4	3	2	2	3
4	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	2	1
5	1	1	1	1	1	1	1	2	5	12	36	35	29	15	****	****	9	11	20	26	14	15	11	8	12
6	9	8	6	7	4	6	16	35	50	48	32	****	28	26	31	37	39	43	46	39	28	16	22	17	26
7	9	4	4	4	4	4	11	30	36	29	18	11	8	2	2	2	2	2	1	1	1	1	1	1	8
8	1	1	1	1	1	1	1	6	11	8	5	13	17	13	4	2	2	5	10	9	6	7	10	9	6
9	12	6	3	2	2	3	6	9	12	11	9	7	5	2	2	2	4	10	8	7	9	8	5	6	6
10	5	5	5	3	3	3	4	6	7	6	6	4	4	4	2	4	5	5	11	13	18	21	25	45	9
11	50	34	19	15	6	2	2	3	5	10	10	10	9	12	8	7	9	9	9	9	6	4	2	3	11
12	3	2	2	2	2	2	2	3	6	7	4	4	12	18	****	34	45	54	52	39	27	13	15	14	16
13	13	7	6	8	13	14	21	45	62	56	45	41	36	36	43	50	59	55	31	14	8	2	2	2	28
14	2	2	2	2	2	2	2	3	3	3	3	2	1	1	1	2	4	4	3	5	4	3	1	1	2
15	1	1	1	1	1	1	1	3	6	6	4	5	2	2	2	9	21	37	47	39	38	31	37	25	13
16	11	8	5	4	4	4	6	15	27	27	22	20	9	3	2	2	2	2	2	2	2	2	1	1	8
17	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	3	6	7	5	4	2	2	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	14	19	25	38	37	36	25	9
19	22	15	8	7	8	9	19	36	51	43	29	25	19	21	23	26	39	46	31	17	9	9	8	8	22
20	6	6	4	3	3	3	5	11	15	12	11	9	6	****	2	3	4	3	2	2	2	3	8	12	6
21	14	6	5	5	4	4	10	25	27	26	15	12	10	4	5	6	9	11	9	5	3	3	3	3	9
22	1	1	1	1	1	2	2	2	2	2	2	2	****	2	2	2	3	3	2	2	2	1	1	1	2
23	1	1	1	1	1	2	3	4	8	13	27	39	29	17	12	6	16	10	5	7	7	4	3	3	9
24	2	1	1	1	1	1	2	3	2	5	8	6	6	2	3	2	3	3	5	6	9	12	12	12	5
25	18	25	24	17	11	21	17	9	5	11	12	20	17	12	12	11	13	12	7	7	5	4	4	5	12
26	4	4	5	6	5	5	10	29	52	40	33	39	38	48	61	24	15	11	6	4	3	2	2	2	19
27	1	1	1	1	1	1	2	6	7	4	3	****	****	2	2	2	3	3	5	5	6	5	5	2	3
28	2	2	2	2	2	1	1	4	10	18	9	6	7	11	16	23	34	27	21	17	9	8	7	8	10
29	8	7	6	4	4	4	6	4	5	4	2	2	1	1	1	1	1	2	2	1	1	2	2	3	3
30	4	3	2	1	2	1	1	2	3	4	4	8	2	2	2	2	2	3	3	3	3	5	8	13	3
31	14	23	38	20	17	14	12	13	36	35	28	27	25	18	17	16	17	23	23	20	13	8	6	6	20
MEAN	7	6	5	4	4	4	6	11	16	15	13	13	12	10	10	10	13	14	13	11	9	8	8	8	9.6

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION													
STATION - C NO 340D7 BATHURST/WILSON, NDRTH YORK													MONTH - FEB 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	6	5	3	3	2	2	2	3	5	11	10	10	14	13	11	15	14	4	1	1	1	1	1	1	6	
2	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	****	****	3	5	5	4	3	4	3	2	
3	2	2	2	2	3	4	10	31	43	23	****	11	16	15	12	10	21	24	28	23	11	7	20	28	15	
4	29	17	9	7	7	6	11	20	14	4	3	3	2	2	2	2	2	2	4	4	5	6	6	6	7	
5	8	4	3	5	10	14	15	36	52	54	32	27	24	17	4	5	8	50	45	36	27	12	7	7	21	
6	8	8	6	7	7	5	4	7	6	3	2	4	3	3	****	****	****	****	****	****	****	****	****	****	****	
7														- DATA INVALID -												
8														- DATA INVALID -												
9														- DATA INVALID -												
10														- DATA INVALID -												
11														- DATA INVALID -												
12														- DATA INVALID -												
13														- DATA INVALID -												
14														- DATA INVALID -												
15														- DATA INVALID -												
16														- DATA INVALID -												
17														- DATA INVALID -												
18														- DATA INVALID -												
19														- DATA INVALID -												
20														- DATA INVALID -												
21														- DATA INVALID -												
22														- DATA INVALID -												
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	30	20	12	9	8	7	15	*****
24	16	9	6	4	3	5	9	36	39	30	23	21	21	14	****	****	16	17	25	22	17	14	12	42	18	
25	48	27	20	12	14	16	20	56	69	51	30	19	9	11	17	16	16	25	26	21	23	8	9	9	24	
26	9	11	2	3	11	13	24	42	48	99	45	30	31	32	****	38	21	11	8	4	2	2	2	1	21	
27	1	1	0	0	0	0	1	2	4	2	2	2	1	1	1	3	4	5	39	41	39	22	9	10	8	
28	11	11	14	4	1	1	1	1	1	1	1	1	1	1	2	1	2	24	34	31	23	14	15	15	9	
29	16	14	10	5	3	3	1	11	12	13	6	8	5	2	1	1	1	1	1	1	1	1	1	1	5	
MEAN	13	9	6	4	5	6	8	21	25	25	14	11	11	9	6	10	11	16	20	17	14	8	8	12	12.0	



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK												MONTH - MAY 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA UNAVAILABLE -												
2													- DATA UNAVAILABLE -												
3													- DATA UNAVAILABLE -												
4													- DATA UNAVAILABLE -												
5	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	5	5	6	5	4	3	3	2	2	*****
6	1	1	1	1	1	1	2	5	3	2	2	3	3	3	3	13	8	14	22	19	10	14	10	9	6
7	2	1	1	1	1	1	2	2	2	2	2	2	****	1	2	2	2	1	1	1	1	2	3	2	2
8	1	0	0	1	1	1	2	1	2	1	2	2	2	2	2	2	2	2	2	6	17	10	9	7	3
9	5	4	2	1	1	3	6	9	20	13	10	15	11	3	3	3	3	4	4	6	10	12	32	8	8
10	35	37	31	31	27	55	69	48	30	24	****	13	16	15	19	15	10	7	9	7	8	16	12	9	24
11	5	0	0	0	0	1	25	25	23	35	19	39	28	****	4	3	1	1	1	1	1	1	1	1	9
12	1	1	1	1	1	2	3	2	3	2	2	3	3	3	3	4	3	3	3	4	5	10	27	6	3
13	5	3	4	2	8	20	40	9	11	19	20	21	19	14	23	26	24	23	30	29	19	20	10	24	18
14	18	11	6	7	15	30	54	51	39	35	45	33	30	37	17	13	3	3	4	5	9	6	6	8	20
15	13	19	24	10	4	4	2	4	17	15	14	12	13	16	14	17	17	17	18	20	15	12	14	11	13
16	6	3	2	2	2	3	4	5	11	16	15	22	30	27	17	14	16	23	18	22	29	21	17	14	14
17	11	6	6	5	7	18	34	41	30	27	12	11	8	6	****	8	1	1	1	1	1	1	1	0	10
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
19	1	1	1	1	1	1	2	2	2	1	****	1	1	1	1	1	1	1	1	0	1	1	1	1	1
20	1	1	1	1	1	2	3	4	2	1	1	1	1	1	1	1	1	1	1	1	8	21	29	2	4
21	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	21	21	17	1	1	1	2	17	16	5
25	10	3	2	2	2	13	51	46	35	27	23	15	19	****	3	32	14	3	1	2	2	2	1	0	13
26	0	0	0	1	1	6	5	5	11	6	12	5	25	****	14	2	1	1	3	5	5	6	5	6	5
27	5	4	3	2	5	10	5	3	2	1	1	2	15	17	20	22	22	19	20	23	31	29	13	6	12
28	1	9	15	21	44	64	58	40	31	26	22	18	21	18	28	34	26	26	26	26	28	25	18	15	27
29	11	8	6	23	17	21	21	24	23	18	14	12	11	9	10	11	12	12	15	15	11	18	19	26	15
30	27	16	5	4	3	4	4	4	5	7	7	9	12	11	11	9	10	12	12	12	13	11	10	5	9
31	3	2	2	3	7	28	36	34	34	25	25	26	22	22	24	29	31	29	3	3	4	4	3	1	17
MEAN	6	5	5	5	6	11	17	14	13	12	11	10	12	9	9	11	9	8	8	8	8	9	9	8	9.3

PERCENTAGE OF DATA VALID - 84.4

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 14.7

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK												MONTH - JUN 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	8	5	2	14	14	23	18	20	20	16	18	24	28	25	25	27	12
2	19	15	8	3	2	5	12	36	21	17	16	13	17	16	20	25	24	19	18	23	27	35	31	21	18
3	12	8	4	4	2	3	6	4	2	4	4	6	5	9	15	16	17	17	19	19	16	22	20	18	11
4	11	4	0	0	0	1	18	34	21	15	14	13	14	17	21	21	22	23	22	26	32	22	23	38	17
5	25	5	3	1	0	7	1	1	7	11	11	10	9	8	8	7	10	11	12	13	13	13	13	12	9
6	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	0	0	1
7	0	0	2	2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
9	5	1	0	0	0	0	0	1	1	1	0	5	6	7	9	13	14	12	13	13	16	18	22	15	7
10	8	8	6	3	3	6	4	9	7	7	8	5	2	1	0	0	1	0	0	0	0	9	10	3	4
11	0	0	0	0	0	0	1	5	15	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	6	9	12	12	11	11	12	11	11	11	11	12	13	14	14	15	15	13	9
13	9	4	2	1	1	2	4	6	7	8	7	7	7	7	8	7	8	9	9	14	14	13	12	2	7
14	2	1	1	1	5	34	37	24	18	13	11	8	9	****	16	8	6	2	2	1	2	12	5	5	10
15	3	4	2	2	7	31	30	14	13	1	2	4	8	9	10	16	14	11	9	7	8	7	4	2	9
16	2	1	0	1	2	10	21	24	6	3	2	7	14	15	21	13	23	25	4	5	5	4	4	0	9
17	0	0	0	0	0	0	1	2	2	1	0	0	0	1	0	0	1	0	8	15	22	29	27	19	5
18	5	11	21	26	10	4	38	42	25	19	17	****	18	19	21	25	23	19	19	20	18	16	13	12	19
19	10	9	3	1	0	10	12	13	12	13	13	14	13	13	14	13	11	2	0	0	0	0	0	0	7
20	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	13	22	14	10	8	1	3
21	0	0	0	0	1	0	10	26	34	18	18	15	15	16	18	19	20	18	17	15	13	11	14	2	13
22	1	1	2	1	0	0	2	3	19	24	18	11	11	9	10	13	14	13	11	11	16	22	26	25	11
23	12	9	3	5	4	5	1	2	27	15	10	8	9	****	13	22	20	17	18	16	18	2	1	0	10
24	0	0	3	4	4	31	42	34	30	21	20	19	16	13	20	25	27	19	14	11	12	12	11	8	17
25	5	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	2	1
26	0	0	0	0	0	0	1	1	1	2	1	1	4	2	1	1	6	0	0	10	14	11	7	5	3
27	5	4	0	0	0	1	0	0	0	0	0	0	****	8	7	7	6	7	8	17	7	2	1	1	4
28	0	0	0	0	0	1	1	1	1	1	1	1	1	9	37	34	3	2	1	25	24	22	16	11	8
29	5	6	6	9	14	6	42	9	1	1	2	8	6	14	****	25	27	30	19	28	24	20	17	44	16
30	38	21	9	4	5	22	32	17	19	14	16	16	19	20	22	21	18	15	18	13	11	15	17	13	17
MEAN	6	4	3	2	2	6	11	11	10	8	7	7	8	9	11	12	12	10	10	12	12	12	11	10	8.6

PERCENTAGE OF DATA VALID - 99.3</





POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - OCT 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	61	27	18	16	11	6	24	16	48	44	36	24	28	32	29	28	42	54	62	61	57	46	36	44	35
2	51	39	21	9	5	4	6	7	7	27	19	10	10	12	14	18	24	38	52	53	65	63	47	34	26
3	24	14	6	1	1	1	1	1	1	5	9	14	10	17	19	20	25	33	41	30	25	22	25	22	15
4	34	20	11	5	2	2	53	96	91	53	39	31	27	28	30	***	40	45	49	51	43	29	44	28	37
5	32	15	12	15	19	34	78	96	88	40	24	20	14	13	21	29	42	44	48	43	44	47	30	15	36
6	8	3	2	2	2	7	27	55	67	39	25	22	22	23	26	***	32	34	30	15	2	1	1	1	19
7	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	1	1	1	1
8	1	1	0	1	1	1	1	1	2	2	1	1	2	2	2	3	3	3	3	4	3	3	3	3	2
9	3	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	1
10	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	2	1	1	4	1
11	5	5	2	1	2	6	7	10	11	13	9	11	18	23	23	26	29	42	51	53	58	56	42	38	23
12	22	14	17	27	35	56	92	88	43	28	23	21	22	25	27	31	32	31	29	30	25	14	9	35	
13	7	5	3	3	2	13	29	21	11	4	1	1	1	1	1	1	1	1	1	2	1	1	2	1	5
14	1	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	5	10	11	10	25	37	22	6
15	6	3	7	8	16	41	69	44	11	6	7	4	1	1	1	1	1	1	1	1	1	1	1	1	10
16	1	5	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	3	5	1
17	8	7	6	3	3	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2
18	0	1	1	0	0	2	7	9	4	0	0	1	1	1	1	1	1	1	2	1	1	2	3	2	2
19	4	6	5	6	10	35	78	79	60	52	38	36	37	41	46	43	43	50	41	38	33	33	29	21	36
20	14	6	4	5	15	32	81	80	78	69	62	54	47	47	62	68	67	55	14	7	5	3	3	3	37
21	1	1	1	1	1	1	2	6	5	2	1	1	1	1	1	2	4	11	10	8	8	8	4	2	3
22	4	2	1	1	1	1	1	4	5	2	1	1	1	1	1	1	1	1	1	2	2	2	5	2	2
23	1	1	1	1	1	1	3	9	14	11	2	1	1	1	1	1	1	2	6	11	16	24	21	18	6
24	41	43	23	6	1	1	1	3	7	8	9	14	21	22	25	26	25	12	2	1	1	1	1	1	12
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	6	1
26	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	2	1
27	2	2	2	2	2	2	3	6	5	1	1	1	1	1	1	1	1	1	1	1	4	5	4	8	2
28	1	0	1	1	0	2	11	22	20	14	9	3	1	1	1	1	4	6	7	9	6	3	2	2	5
29	2	1	1	1	1	3	10	19	17	9	12	12	6	1	1	1	1	5	18	12	12	13	16	23	8
30	27	31	15	4	3	4	9	23	34	22	16	20	29	34	31	23	26	39	42	36	36	16	2	5	22
31	20	22	11	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
MEAN	12	9	6	4	4	8	19	23	22	15	12	10	10	11	12	11	15	17	17	16	15	14	12	10	12.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - NOV 76												
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	2	1	1	1	4	10	6	1	1	1	1	1	1	2	3	3	5	8	7	4	4	3
2	4	3	3	2	5	17	37	65	87	73	56	52	38	34	32	34	41	34	17	18	20	17	19	8	30
3	8	14	16	12	8	8	20	52	62	48	27	24	31	26	***	13	13	12	14	9	14	31	76	89	27
4	95	88	61	33	9	1	1	2	9	44	80	60	41	34	34	14	9	36	37	32	20	18	19	17	33
5	13	7	5	2	2	4	14	44	57	51	31	12	7	6	2	2	2	3	2	2	3	5	4	5	12
6	3	2	2	2	1	1	1	3	4	5	4	2	1	1	2	2	2	3	6	10	19	17	6	2	4
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
9	3	4	2	1	1	3	9	39	42	20	23	21	17	19	22	28	33	42	46	33	28	17	12	13	20
10	8	3	1	1	1	1	1	1	4	6	***	***	***	2	2	1	1	2	2	2	2	1	2	2	2
11	2	1	2	2	2	1	1	6	9	4	2	1	1	1	1	3	2	3	5	5	5	3	4	4	3
12	3	2	1	1	1	1	3	8	11	11	5	2	2	2	2	2	2	3	3	4	4	3	3	3	3
13	3	3	3	4	2	1	1	1	1	1	3	2	1	1	1	2	2	2	4	14	13	9	3	4	3
14	5	1	1	1	1	1	1	2	6	5	3	2	2	2	2	3	2	2	3	7	10	35	46	50	8
15	30	23	20	11	9	7	8	7	15	15	9	8	17	3	2	1	3	9	11	11	10	14	12	9	11
16	11	13	13	8	4	3	7	14	16	11	5	8	36	42	45	***	35	27	17	15	20	17	18	28	18
17	30	11	5	6	19	20	55	79	54	36	26	33	28	***	28	38	42	32	21	12	6	11	3	1	26
18	1	2	4	3	3	5	22	45	14	6	2	1	1	1	2	3	8	21	27	19	7	18	20	29	11
19	22	15	5	4	9	12	17	35	28	9	3	1	2	2	1	1	2	3	2	3	3	3	1	2	8
20	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
21	1	1	1	0	1	1	1	1	1	3	3	1	0	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	0	0	0	0	0	1	3	2	1	1	1	1	2	***	2	2	5	3	1	1	1	1	1
23	1	1	1	1	1	1	1	2	4	3	1	1	1	1	1	1	1	3	2	1	2	3	2	3	2
24	3	1	1	1	1	1	1	3	9	17	9	9	5	3	8	10	7	8	9	11	9	11	10	8	6
25	6	4	3	2	3	8	20	42	45	56	59	65	42	44	48	61	70	56	41	34	27	30	32	30	35
26	26	17	19	22	9	11	18	43	50	45	36	38	35	42	45	***	35	25	18	15	24	18	19	28	28
27	25	18	10	7	4	3	5	10	12	19	17	6	2	2	1	1	1	1	1	1	1	1	1	2	6
28	6	7	5	3	2	1	1	1	2	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	1
29	0	1	1	0	0	0	1	2	3	2	2	1	1	1	1	***	1	1	5	9	7	5	4	5	4
30	3	2	2	2	2	4	6	19	34	18	10	10	6	4	4	4	2	3	2	2	3	7	6	5	7
MEAN	11	8	6	5	3	4	9	18	20	17	15	13	11	10	10	9	11	11	10	9	9	10	11	12	10.5



## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007

BATHURST/WILSON, NORTH YORK

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	1	1	2	4	7	22	28	50	34	42	24	27	30	30	34	30	18	15	11	11	11	10	19
2	9	5	2	1	1	2	4	2	3	2	1	0	0	0	0	0	1	1	2	2	5	5	6	5	2
3	4	2	1	1	1	1	3	9	19	34	34	32	27	27	11	11	6	26	11	7	7	10	11	16	13
4	11	12	8	3	3	3	5	13	15	4	6	7	9	4	3	3	3	4	35	39	32	11	8	6	10
5	7	8	8	3	2	3	3	5	5	5	6	2	2	4	8	5	12	27	43	38	34	29	16	16	12
6	26	24	26	15	21	33	34	33	46	41	37	34	37	38	37	37	50	59	44	31	40	21	14	11	33
7	13	16	17	11	9	8	5	5	3	2	2	1	2	2	2	1	****	2	3	3	3	2	1	1	5
8	1	1	1	1	1	1	1	2	4	7	8	19	38	34	33	33	****	32	15	9	9	5	2	1	11
9	0	0	0	0	0	0	0	2	4	2	0	1	12	21	38	****	44	41	39	40	46	39	20	18	16
10	14	12	9	7	11	17	29	61	70	58	****	20	16	26	27	26	31	16	11	8	7	3	1	1	21
11	1	0	0	0	0	1	1	7	6	2	1	2	7	16	26	31	33	25	27	26	20	15	12	13	11
12	18	16	6	7	4	2	2	4	6	5	6	7	9	6	3	2	****	4	3	2	1	1	1	1	5
13	1	0	0	1	1	1	1	1	2	1	0	0	1	1	****	****	13	11	12	15	12	13	22	21	6
14	19	8	11	9	10	11	16	37	32	23	20	24	17	15	13	10	11	12	8	5	4	4	2	2	13
15	2	2	6	4	4	5	17	35	29	10	4	3	3	4	34	50	64	33	29	32	38	46	38	71	23
16	71	51	23	21	19	22	52	72	29	15	31	47	16	14	12	9	10	11	9	5	4	6	4	3	23
17	2	4	6	3	4	8	18	29	31	22	16	7	5	4	****	3	4	3	2	1	2	2	1	1	8
18	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	31	46	51	48	42	38	24	26	14
19	37	46	41	53	56	44	32	28	43	24	23	18	14	14	21	18	75	89	93	88	87	89	90	78	50
20	50	26	16	11	10	9	35	60	74	69	35	48	11	4	3	2	2	2	1	1	1	1	1	1	20
21	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1
22	1	1	1	2	4	1	4	24	34	32	25	22	23	22	25	30	34	36	32	22	17	13	13	16	18
23	10	4	4	2	2	3	10	20	19	14	4	2	2	1	1	****	2	2	2	1	1	1	0	1	5
24	1	1	1	0	1	1	3	13	****	28	12	3	4	8	17	23	26	22	26	24	17	14	11	12	12
25																									
26																									
27																									
28																									
29																									
30																									
31	4	3	3	3	3	3	3	4	6	6	6	3	3	****	2	1	0	0	0	1	1	1	1	1	3
MEAN	12	10	8	6	7	7	11	20	21	18	13	14	11	12	15	15	22	21	21	19	18	15	12	13	14.3

PERCENTAGE OF DATA VALID - 79.2

PERCENTAGE OF DATA INVALID - 20.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	9.6	28	62
FEB	11	12.1	24	99
MAR	30	12.0	32	83
APR	8	2.7	14	26
MAY	26	9.3	27	69
JUN	30	8.6	19	44
JUL	29	7.9	22	66
AUG	DATA UNAVAILABLE			
SEP	14	11.7	26	65
OCT	31	12.7	37	96
NOV	30	10.5	35	95
DEC	25	14.3	50	93
YEAR	265	10.4	50	99

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	408	116	102	49	36	16	9	736
FEB	125	42	55	29	13	9	6	279
MAR	341	72	133	102	38	22	10	718
APR	189	4	17	6	0	0	0	216
MAY	360	60	105	68	23	5	7	628
JUN	355	94	181	64	17	4	0	715
JUL	425	68	109	68	21	5	4	700
AUG	DATA UNAVAILABLE							
SEP	195	26	41	24	32	21	2	341
OCT	435	58	65	70	38	33	43	742
NOV	436	75	85	32	33	25	25	711
DEC	276	62	92	59	54	22	24	589
YEAR	3545	677	985	571	305	162	130	6375

FREQUENCY DISTRIBUTION BY PERCENTILES

DISTRIBUTION OF PERCENTILES				CONCENTRATIONS							MAX	ARITH MEAN
PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99			
79.3	0	0.0	0.9	3.3	11.9	28.9	38.4	50.2	60.4	99	10.4	

HOUR DAY	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - JAN 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	6	7	9	
2	12	3	4	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	3	3	3	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	1	1	1	1	1
5	1	0	0	1	1	1	4	3	2	1	2	1	-	-	0	0	0	0	2	2	1	1	1	2	1
6	1	0	0	0	0	0	1	3	6	9	4	3	2	4	3	2	3	3	3	4	6	2	1	1	3
7	1	0	0	1	1	1	1	3	3	1	2	3	2	1	1	1	1	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	1	10	29	14	7	2	1	1	0	0	0	1	0	0	0	1	0	0	3
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	1
10	1	1	1	1	1	2	3	5	3	1	1	1	1	1	1	1	1	1	1	3	4	5	4	11	2
11	12	15	9	1	1	0	0	0	0	1	1	1	3	4	2	2	2	1	2	2	2	2	1	1	3
12	1	1	0	0	0	0	0	1	3	9	11	10	5	2	3	1	3	9	7	6	3	0	0	1	3
13	3	3	2	1	1	1	1	3	5	8	10	11	8	***	5	7	10	13	5	2	2	2	1	1	5
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1
15	0	0	0	0	0	0	0	2	3	2	1	1	1	1	1	1	1	4	4	3	11	16	7	2	3
16	1	1	1	1	1	1	1	1	3	3	2	1	2	1	1	1	1	2	1	1	0	0	0	2	1
17	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	3	4	8	5	1	2	1	1
18	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	2	1	2	2	3	2	1
19	18	12	6	1	0	0	0	1	3	6	5	2	2	2	2	2	6	5	1	0	0	0	1	0	3
20	0	0	0	0	0	0	0	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1
21	1	1	0	0	0	0	1	1	1	1	2	1	2	2	2	2	2	2	3	1	1	0	0	0	1
22	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	2	1	2	2	3	1	0	1	1
23	1	2	5	3	1	0	3	8	15	14	8	13	10	9	***	***	9	7	5	4	4	3	1	2	6
24	1	0	0	0	0	0	1	2	1	2	2	3	2	2	2	1	0	0	0	2	9	7	4	9	2
25	13	9	5	4	3	5	5	7	7	10	6	7	4	2	2	2	1	1	0	1	1	1	1	1	4
26	1	1	1	1	2	1	2	4	4	9	5	7	11	7	5	6	10	7	5	4	2	1	1	1	4
27	1	0	0	1	0	0	4	4	4	4	2	1	1	***	1	1	3	3	2	11	19	8	2	2	3
28	3	2	1	1	1	1	1	2	5	4	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1
29	1	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	0	1	2	2	3	1
30	4	3	2	2	2	1	1	5	9	8	5	3	4	2	1	1	2	2	3	3	10	11	17	17	5
31	19	28	14	8	13	10	10	20	24	6	6	3	2	1	1	1	1	1	0	0	0	0	0	0	7
MEAN	3	3	2	1	1	1	2	3	5	4	3	3	2	2	1	1	2	2	2	2	3	3	2	2	2.3

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	1	1	2	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	4	2	1	1	1	0	0	0	0	0	0	0	0	0	1	2	1
4	5	5	13	11	6	4	1	1	1	1	1	1	0	0	0	0	0	1	6	15	13	7	7	8	4
5	6	2	1	2	2	3	8	21	24	9	8	6	5	6	5	2	1	4	5	6	6	9	14	9	7
6	8	5	5	4	5	7	7	7	11	6	2	1	2	0	0	1	1	1	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	3	11	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
9	0	0	0	0	0	2	4	18	38	24	15	5	3	1	0	2	3	3	1	1	0	0	0	0	5
10	0	0	0	0	0	0	0	3	7	6	4	6	-	3	2	3	3	2	0	0	0	0	1	1	2
11	1	1	0	0	0	0	0	1	1	2	2	1	1	1	1	2	1	1	0	0	0	0	1	1	1
12	1	0	0	0	0	0	1	2	6	8	2	1	1	1	1	1	1	1	1	1	1	2	3	1	2
13	1	0	0	0	0	0	1	3	6	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
14	0	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	1	1	2	1
15	5	3	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	3	4	6	7	5	4	3	2	3	6	10	9	8	2	1	1	0	0	3
17	1	1	1	0	0	2	2	3	1	1	1	1	1	***	1	1	1	1	0	0	1	2	1	1	1
18	1	1	1	1	0	0	0	0	1	1	2	2	2	2	3	9	12	21	16	7	8	2	1	1	4
19	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	0	1
20	1	1	1	1	1	0	1	3	3	1	1	0	1	1	0	1	1	1	3	9	9	19	17	8	4
21	10	15	30	17	12	12	8	5	4	3	3	2	3	4	7	8	10	14	17	23	17	13	2	1	10
22	1	1	1	1	1	1	1	1	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	1	2	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	3	19	33	52	5
25	58	46	23	14	14	14	19	28	22	5	1	1	1	1	1	1	1	1	1	1	0	0	0	0	11
26	1	5	2	1	7	2	4	31	68	30	11	6	4	5	7	9	2	4	4	2	1	2	2	1	9
27	1	0	0	0	0	0	0	1	1	0	0	0	0	***	0	1	2	7	10	11	5	1	0	0	2
28	2	3	6	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1
29	1	1	1	0	0	0	1	2	3	3	2	1	1	1	1	1	0	0	0	1	1	1	0	1	1
MEAN	4	3	3	2	2	2	2	5	8	5	2	2	1	1	1	2	2	3	3	3	2	3	3	3	2.8

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	0	0	0	1	1	2	1	1	2	1	1	1	1	2	2	1	1	0	0	0	0	
2	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3																									
4																									
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	****
6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
8	0	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	0	0	1	1	3	2	0	1	1
9	0	1	7	15	13	11	7	18	46	4	0	0	1	1	1	1	1	1	3	3	1	2	3	4	6
10	5	2	1	1	2	1	3	7	8	2	1	1	2	****	3	4	6	4	3	2	0	1	1	1	3
11	1	0	0	0	1	0	2	3	2	0	0	0	0	0	0	0	0	0	0	2	3	10	18	13	2
12	22	15	8	1	0	0	0	0	1	0	0	0	0	1	1	1	3	6	7	5	2	2	3	0	3
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	5	4	3	2
16	5	3	1	1	0	0	2	3	3	4	3	4	4	4	2	1	1	1	1	0	0	1	1	0	2
17	0	0	0	0	0	0	0	0	1	1	1	1	1	1	****	0	0	0	0	1	1	0	1	0	0
18	0	0	0	0	0	0	0	1	3	6	3	2	1	1	1	1	2	2	2	1	1	2	2	2	1
19	2	3	1	3	3	5	6	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
20	0	0	1	1	2	4	1	1	1	2	1	1	1	1	1	1	1	1	4	3	1	1	1	1	1
21	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	1	1	0	3	4	4	2	2	1	0	1	1	0	0	0	1
23	0	0	0	0	0	0	0	1	1	1	1	0	****	0	0	0	0	0	0	0	0	0	1	2	0
24	1	2	3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	2	3	4	7	8	1
26	7	12	17	15	12	11	25	21	5	2	1	1	1	2	1	2	3	9	11	13	10	27	30	39	12
27	46	43	26	27	19	6	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	12	7	12	2
29	15	11	10	4	3	1	1	1	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	3
30	1	1	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	2	5	4	8	12	2
31	6	2	1	1	1	1	1	3	4	1	1	1	6	11	7	4	6	7	6	4	4	8	4	1	4
MEAN	4	4	3	3	2	2	2	3	3	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	2.1

PERCENTAGE OF DATA VALID - 88.2

PERCENTAGE OF DATA INVALID - 11.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	0
2	1	0	0	0	0	0	1	1	1	1	1	***	***	-	1	1	1	1	2	5	6	2	2	4	1
3	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	1	0
5	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	6	2	0	2	1
6	2	1	0	1	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	2	1	0	0	0	***	***	0	1	1	1	1	5	7	6	17	13	3
10	9	1	2	2	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
13	0	0	0	0	0	1	0	0	0	0	0	0	***	0	0	0	0	0	0	1	1	1	5	8	1
14	8	8	3	2	2	8	16	15	6	1	1	1	1	1	0	0	0	0	0	1	1	0	1	2	3
15	0	0	1	0	0	0	0	1	1	1	***	***	0	0	0	1	1	1	1	1	1	1	1	1	1
16	1	1	2	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1
17	1	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1
18	12	9	6	5	1	9	10	2	0	0	0	0	0	1	1	1	1	1	2	2	1	1	3	8	3
19	6	3	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
20	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	5	5	3	3	1
21	2	1	3	5	3	4	1	0	0	1	1	1	-	-	-	5	8	9	2	6	9	13	10	2	4
22	2	2	2	2	3	2	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	***	0	0	1	2	3	2	2	3	2	1
24	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2
25	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
28	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
29	0	0	0	0	***	3	5	2	1	1	0	0	0	0	0	0	0	0	0	0	4	12	14	16	3
30	10	5	3	3	3	6	21	9	6	0	1	1	0	0	0	0	1	1	1	1	0	1	1	1	3
MEAN	2	1	1	1	1	1	2	2	1	1	0	0	0	0	0	1	1	1	1	1	2	2	2	3	1.2

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1	1	4	4	0	1	2	4	2	2	2	1	2	2	2	1	0	1	1	1	2	0	2	1	2
2	1	2	2	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
4	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	0
6	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	3	4	2	1	1	0	1
7	0	0	0	0	0	0	1	1	1	1	0	0	0	3	1	1	0	1	0	1	1	1	5	4
8	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1
9	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	12	16	17
10	18	12	6	8	10	20	49	34	8	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	4	7	4	3	2	1	2	2	1	1	1	1	1	1	1	1	1	2
12	0	1	0	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1
13	2	2	1	1	1	1	3	1	1	1	1	1	1	0	1	1	1	1	1	3	1	1	1	1
14	1	8	10	8	6	4	4	8	8	6	5	2	1	1	1	1	1	3	2	2	3	2	6	9
15	10	15	8	2	2	3	5	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
16	1	1	1	1	1	1	1	1	1	2	2	2	5	4	2	2	2	2	1	1	2	6	9	9
17	6	1	1	2	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	1	1	1	1
19	1	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	0	1
20	1	0	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	13	13	7	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	6	2
22	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
25	4	1	1	4	3	2	5	9	11	6	3	2	2	2	1	2	3	3	3	2	4	3	2	3
26	1	1	1	1	1	2	7	7	7	5	2	1	1	1	1	1	1	1	1	3	6	7	12	10
27	13	5	4	4	3	5	10	6	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
28	3	3	5	9	10	17	20	12	8	2	2	1	1	1	1	2	2	1	1	2	1	1	1	4
29	4	1	1	2	2	3	2	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
30	7	7	6	3	2	1	1	1	1	2	1	2	1	1	1	1	2	2	2	2	2	2	2	2
31	2	2	2	2	2	3	5	8	9	9	7	5	3	3	2	4	3	4	4	6	7	5	4	4
MEAN	3	2	2	2	2	2	4	4	3	2	1	1	1	1	1	1	1	1	1	2	2	3	3	2.0

PERCENTAGE OF OATA VALIO - 99.5

PERCENTAGE OF OATA INVALID - 0.5

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - JUN 76												
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1	2	2	2	2	2	2	5	6	3	2	3	4	6	4	4	2	2	2	2	3	5	4	23	21
2	27	18	8	2	1	3	10	11	5	2	1	1	1	1	1	1	1	1	0	1	2	12	30	18
3	11	8	6	3	2	5	8	8	3	1	1	1	1	1	1	1	1	1	1	1	3	22	28	12
4	10	7	4	1	4	12	20	15	6	3	1	1	0	0	1	0	0	0	0	1	5	10	14	21
5	12	11	6	2	4	4	5	3	2	1	1	1	1	1	0	0	0	1	1	1	4	12	15	11
6	3	3	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1
7	2	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	2	7	2	1	0	0	1
8	0	0	0	0	0	2	5	2	1	0	0	0	0	0	0	0	0	0	0	1	4	12	13	11
9	9	6	1	5	3	4	9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	5
10	4	4	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	3	4
12	4	5	5	5	5	6	6	6	6	5	5	4	4	4	3	3	2	2	2	2	2	3	4	4
13	4	4	5	5	6	8	7	7	8	8	8	7	7	7	7	7	6	7	8	5	3	3	2	6
14	2	2	2	2	2	4	6	6	10	2	2	2	2	2	1	1	1	1	1	2	2	2	3	4
15	7	4	5	5	5	6	6	6	6	5	5	2	2	2	2	2	2	2	2	2	2	3	4	4
16	5	5	5	5	6	7	7	8	8	8	8	8	9	9	9	9	8	8	8	8	8	4	6	2
17	****	****	****	****	****	****	****	9	8	7	7	7	7	6	6	5	5	5	4	4	4	12	21	14
18	12	9	11	9	9	18	33	11	5	5	5	5	5	5	5	3	2	0	0	0	0	0	0	7
19	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	2	3	3	3	1	1	1	1	1	1	0	0	0	1	1	1	3	2	1
21	1	1	2	2	2	3	4	5	4	2	2	2	3	2	2	2	1	1	1	1	1	1	2	2
22	1	1	1	1	2	1	2	3	1	1	1	****	****	****	1	1	2	2	1	1	2	3	6	6
23	7	13	14	12	10	12	16	19	12	6	4	4	****	****	****	0	0	0	0	0	0	1	3	2
24	2	3	4	6	6	7	6	8	9	6	5	6	6	6	5	5	5	4	5	5	5	6	6	5
25	6	6	6	6	6	8	10	8	7	7	7	3	3	3	3	3	2	2	3	2	2	3	3	5
26	3	4	4	4	4	4	4	4	5	5	5	4	2	2	1	1	1	1	1	1	1	1	1	2
27	3	3	4	4	4	4	4	4	5	4	4	3	2	1	1	1	1	1	1	2	4	3	2	3
28	1	1	1	1	1	3	5	3	1	1	1	0	0	1	0	1	1	1	1	1	1	2	4	9
29	2	2	4	5	6	8	11	13	10	4	4	3	****	0	0	6	6	5	5	5	5	5	5	7
30	14	14	13	8	4	4	11	7	4	5	5	6	7	****	****	6	6	5	5	5	5	5	5	7
MEAN	5	5	4	3	3	5	7	6	5	3	3	3	3	2	2	2	2	2	2	2	4	7	6	3.7

PERCENTAGE OF OATA VALIO - 96.1

PERCENTAGE OF OATA INVALID - 3.9

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION														
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - JUL 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	5	5	5	4	4	4	5	5	5	4	4	4	3	2	2	2	2	1	1	1	2	2	2	2	3		
2	2	***	***	***	***	***	***	***	***	***	***	***	3	2	2	2	2	2	1	1	1	5	2	2	***		
3	2	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	2	2	2	2	1	3	3	2	3		
4	3	3	3	3	3	3	4	4	4	4	4	3	3	1	***	1	1	1	1	1	1	3	5	7	3		
5	5	3	3	3	4	5	6	7	4	4	3	2	1	1	1	1	1	0	0	***	***	8	9	8	4		
6	5	3	***	***	***	8	7	9	4	2	2	1	***	0	1	1	1	1	1	1	1	***	***	***	3		
7	- DATA INVALID -																										
8	***	***	5	5	5	5	5	6	5	5	5	5	4	4	3	3	2	2	2	2	2	2	2	2	4		
9	7	5	4	5	5	6	9	7	4	3	2	2	***	0	0	0	***	***	***	***	***	***	***	***	***		
10	5	8	9	5	4	3	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3		
11	3	3	3	3	3	3	3	3	4	***	***	***	2	1	1	0	1	0	0	0	0	***	***	***	2		
12	***	***	***	***	***	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
13	1	1	1	1	1	1	1	1	1	1	1	1	***	***	0	0	1	1	1	1	1	0	0	0	1		
14	1	2	2	***	***	***	10	6	4	2	2	2	1	1	2	2	2	4	2	3	6	4	4	3	3		
15	2	2	6	6	7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
16	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	***	1	1	***		
17	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1		
18	1	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2		
19	1	1	1	1	1	2	2	5	3	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2		
20	1	1	1	1	1	1	1	2	1	1	1	1	***	***	1	1	2	2	2	2	2	2	2	2	1		
21	2	3	3	3	3	4	6	8	5	4	4	3	3	3	2	2	2	1	1	1	3	2	5	6	3		
22	2	3	3	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2	3	6	6	2		
23	6	9	7	6	7	11	15	21	14	11	***	8	7	6	5	5	4	4	4	4	4	8	4	7	8		
24	7	5	5	4	4	5	4	4	4	4	3	3	3	3	3	2	2	1	1	1	1	2	3	5	3		
25	3	2	1	1	1	2	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	4	6	12	2		
26	11	8	7	5	5	6	5	5	4	4	4	4	4	***	2	2	2	2	2	2	2	2	2	3	4		
27	3	4	4	4	5	6	8	8	7	6	6	4	2	1	-	0	0	1	1	1	3	9	9	5	4		
28	4	4	4	4	4	5	11	11	11	9	7	7	***	***	2	2	3	3	2	3	2	2	3	3	5		
29	3	4	4	5	5	5	6	6	5	5	5	5	5	5	4	5	6	5	4	4	4	4	3	3	5		
30	4	4	4	5	4	4	5	5	5	4	4	3	3	***	***	2	2	2	2	2	2	2	4	5	4		
31	8	9	6	6	8	7	5	4	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
MEAN	4	4	4	3	4	4	5	5	4	4	3	3	3	2	2	2	2	2	1	2	2	3	3	4	3.1		

PERCENTAGE OF DATA VALID - 82.4

PERCENTAGE OF DATA INVALID - 17.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "- " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMI-LUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	3	3	3	3	4	4	4	3	*****
6	3	3	3	3	3	3	5	4	3	3	2	2	2	2	***	3	3	3	3	4	3	9	9	6	4
7	8	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	2	2	0	0	1	1	1	1	1
8	1	1	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	1	1	1	3	3	2	1	1
9	1	1	1	1	2	4	7	8	8	5	4	5	5	5	3	2	1	1	1	3	4	4	5	4	4
10	2	0	0	0	1	17	9	4	3	4	5	6	7	6	5	2	1	1	1	2	8	17	24	21	6
11	19	17	12	8	8	9	14	16	17	10	8	2	0	***	1	1	1	1	1	1	2	2	3	3	7
12	3	3	3	3	3	4	***	7	6	6	6	6	6	7	7	7	6	7	7	6	5	5	6	6	5
13	7	6	6	6	6	6	6	7	8	9	9	9	8	8	6	6	6	6	***	***	***	***	***	***	7
14	14	10	7	5	3	4	4	4	4	4	4	5	4	4	***	4	3	4	***	***	***	***	***	***	5
15	****	****	****	****	4	4	4	4	4	2	***	***	***	***	***	***	***	***	***	***	***	6	5	4	*****
16	3	3	3	2	3	7	11	5	3	3	3	2	2	2	***	1	1	1	1	3	6	6	6	5	4
17	3	3	3	2	4	7	14	9	6	4	3	2	1	***	1	1	1	1	1	2	10	13	9	6	5
18	3	2	2	2	2	3	10	10	9	7	4	3	2	2	6	7	5	1	1	2	6	10	17	24	6
19	17	11	11	11	11	20	36	28	21	7	6	5	5	8	3	2	2	2	2	4	2	2	6	12	10
20	13	16	13	13	15	17	17	12	9	6	5	***	***	1	2	1	1	1	1	1	1	2	2	3	7
21	3	4	4	4	4	4	5	6	5	6	5	4	3	2	1	0	0	0	0	1	1	3	6	6	3
22	8	7	4	5	5	5	5	5	6	6	6	6	4	2	1	1	1	0	0	0	1	3	3	3	4
23	4	4	4	4	5	5	6	8	7	7	6	5	4	3	2	2	1	1	1	1	2	2	4	4	4
24	4	2	3	3	3	5	9	8	7	6	6	5	-	-	1	1	1	1	1	2	5	13	21	24	6
25	21	23	15	14	9	14	31	25	18	12	6	4	3	2	5	3	1	1	1	2	9	10	28	31	12
26	24	21	14	12	8	14	30	31	22	13	7	7	6	5	5	5	4	3	3	4	4	5	4	4	11
27	4	4	5	5	5	5	6	9	7	5	5	4	1	1	3	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	4	4	4	***	3	***	***	***	***	3	***	3	4	5	***
29	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
30	1	2	2	3	2	3	7	3	2	2	1	1	1	1	***	0	0	1	1	1	1	4	9	14	3
31	12	9	7	6	6	10	28	24	5	3	***	2	***	1	1	1	1	1	1	1	1	1	2	3	6
MEAN	8	7	5	5	5	7	12	10	8	5	4	4	3	3	3	2	2	2	2	2	4	5	8	8	5.2

PERCENTAGE OF DATA VALID - 75.5

PERCENTAGE OF DATA INVALID - 24.2

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "- " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE															MONTH - SEP 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	4	5	7	12	14	7	7	6	5	6	5	5	4	5	4	4	3	4	4	4	6	5
2	3	3	3	4	3	4	15	17	6	5	3	2	3	2	2	1	1	2	1	1	3	9	11	24	5
3	21	20	19	12	13	13	35	52	15	5	4	4	****	****	1	1	1	1	1	1	1	1	1	1	10
4	2	2	2	3	3	3	4	4	5	5	4	3	3	2	1	1	1	1	1	2	4	1	1	2	3
5	2	2	2	1	1	1	2	2	2	1	1	1	1	1	0	0	0	0	0	0	1	1	3	1	1
6	1	2	1	1	1	1	3	2	2	1	1	0	1	1	0	0	1	1	2	11	16	9	9	15	3
7	16	6	5	4	2	2	9	9	3	2	1	1	1	1	1	1	0	0	0	1	1	1	1	1	3
8	1	1	1	1	6	4	13	13	8	6	4	****	****	1	1	1	1	1	0	1	1	3	12	18	4
9	16	12	12	10	10	17	26	35	14	11	9	9	6	5	4	3	2	3	3	3	5	9	9	9	10
10	8	8	6	5	4	4	4	5	3	3	3	2	****	****	1	2	1	1	1	1	****	****	****	****	3
11	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	1	2	4	5	9	15	7	*****
12													- DATA INVALID -												
13													- DATA INVALID -												
14													- DATA INVALID -												
15													- DATA INVALID -												
16													- DATA INVALID -												
17													- DATA INVALID -												
18													- DATA INVALID -												
19													- DATA INVALID -												
20													- DATA INVALID -												
21	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	3	1	0	1	2	1	1	*****
22	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1
23	0	1	2	4	4	1	2	2	2	1	1	1	1	1	1	1	1	0	1	1	1	4	1	1	1
24	1	1	1	1	1	3	6	10	6	2	0	0	0	1	1	1	2	2	3	5	10	10	3	2	3
25	1	1	0	0	0	0	1	3	2	1	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1
26	3	2	4	3	2	2	4	9	9	6	4	3	3	2	1	1	2	3	2	2	1	1	1	1	3
27	1	1	1	1	1	1	4	6	3	2	2	2	4	5	5	5	3	3	5	6	0	1	0	0	3
28	0	0	0	0	0	1	3	5	2	1	1	***	0	1	2	2	2	2	5	8	4	1	2	1	2
29	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	3	2	1	1
30	4	5	2	1	1	10	25	19	13	8	4	2	2	2	3	3	3	3	6	7	16	36	34	29	10
MEAN	4	4	3	3	3	4	9	11	5	4	3	2	2	2	2	1	1	2	2	3	4	5	6	6	3.7

PERCENTAGE OF DATA VALIO - 65.1

PERCENTAGE OF DATA INVALID - 34.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - OCT 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	18	15	15	8	6	14	17	16	12	5	4	2	2	3	3	5	8	6	6	8	11	13	15	10
2	13	12	11	9	9	10	21	24	18	12	8	6	6	4	4	4	4	5	7	11	13	23	22	20	12
3	14	6	2	2	2	2	2	3	3	4	3	2	2	1	1	1	2	2	2	10	34	43	38	27	9
4	20	14	8	6	10	18	39	64	35	8	3	3	3	3	2	2	3	4	9	14	14	18	25	21	14
5	14	10	10	11	12	22	41	52	11	3	3	2	***	1	2	2	2	4	6	8	4	4	8	7	10
6	3	2	2	2	2	3	8	13	7	4	3	4	3	3	4	3	5	8	6	4	3	2	1	1	4
7	1	1	1	1	1	1	3	3	1	1	1	1	0	0	1	1	1	1	2	2	0	1	1	1	1
8	0	0	0	0	1	1	4	5	4	5	5	5	***	2	2	2	3	2	2	3	5	2	3	3	3
9	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
10	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	3	2	1	3	1
11	3	4	2	1	1	2	7	10	5	2	2	1	1	1	1	1	1	2	6	6	4	5	4	2	3
12	1	12	24	22	20	29	45	64	30	4	3	3	2	1	1	2	2	1	2	2	2	3	1	1	12
13	0	0	0	0	0	1	6	10	13	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	0	1	2	3	3	1	1	1	1	1	1	1	1	1	1	0	0	3	8	5	2
15	1	1	0	0	0	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	0	1
16	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	2	2	2	1	2	5	1
17	3	1	1	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	1	1	3	1	1	1
18	1	1	1	1	1	3	7	11	3	1	1	0	0	0	1	1	1	1	1	1	0	1	1	3	2
19	3	2	1	0	1	1	2	7	7	6	4	3	2	2	2	3	3	4	3	4	2	3	4	5	3
20	3	1	1	1	1	3	11	22	37	16	8	6	5	2	4	7	10	7	10	5	3	2	2	1	7
21	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
23	0	0	1	1	0	0	0	1	1	2	1	0	0	0	0	0	0	2	6	19	28	32	10	19	5
24	22	15	9	1	0	0	0	0	1	1	1	1	2	1	2	2	1	2	2	2	2	2	1	1	3
25	0	0	0	0	0	1	3	4	4	3	3	2	2	1	1	2	2	3	1	1	4	5	18	19	3
26	10	12	2	1	1	3	7	19	16	6	2	1	-	1	1	1	1	1	2	1	1	1	3	4	4
27	1	1	0	0	0	1	5	10	10	5	1	1	1	1	1	2	1	2	3	5	10	10	5	1	3
28	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1
30	0	0	0	0	0	0	2	5	4	5	4	2	2	1	1	2	13	17	18	26	10	2	1	1	5
31	5	7	8	6	3	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	2	5	11	8	3
MEAN	5	4	3	3	2	4	8	12	8	4	2	2	2	1	1	2	2	3	3	5	5	6	6	6	4.1

PERCENTAGE OF DATA VALIO - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	1	0	0	1	3	16	18	7	2	1	1	1	0	1	2	7	24	26	17	14	10	14	7	
2	15	10	4	9	14	10	11	11	19	16	16	10	4	***	2	1	1	1	1	1	1	4	13	8	
3	1	0	0	0	0	1	3	8	4	4	1	1	1	1	1	1	1	1	22	23	28	37	39	36	
4	76	55	58	31	2	2	6	21	44	51	23	4	7	3	2	2	1	0	-0	0	0	1	1	0	
5	1	0	0	0	0	1	3	5	3	3	1	1	***	2	2	4	8	3	5	3	1	2	0	16	
6	***	***	0	0	0	0	0	0	1	1	1	1	1	0	1	1	0	0	0	0	0	1	1	0	
7	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	2	5	3	4	1	0	0	
8	0	0	0	0	0	0	0	2	2	1	0	0	0	1	1	1	1	2	3	3	1	1	1	1	
9	1	0	0	0	0	***	1	4	6	3	1	1	1	***	3	3	4	8	6	7	4	3	3	3	
10	3	3	3	3	1	1	2	6	9	4	1	1	1	1	1	1	1	1	2	2	4	3	5	5	
11	5	3	0	0	0	1	3	18	5	1	0	0	0	0	1	1	1	1	1	0	1	1	1	1	
12	1	1	1	1	1	2	3	9	15	5	1	1	1	1	***	1	2	1	2	1	1	1	1	0	
13	1	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	14	19	25	21	17	18	
15	13	17	10	10	3	2	5	17	23	21	6	1	1	1	***	1	3	13	14	8	5	7	3	8	
16	12	4	4	3	3	2	4	11	19	6	2	1	1	***	0	1	1	3	4	8	7	8	7	3	
17	1	2	2	5	4	2	2	3	2	2	1	1	1	1	1	1	1	1	0	0	0	1	1	1	
18	1	1	0	0	0	0	1	4	5	3	1	0	1	1	1	1	1	1	1	1	0	1	1	1	
19	3	1	1	1	0	0	1	3	6	4	1	1	0	1	1	1	1	2	1	1	4	4	3	1	
20	1	2	2	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	
21	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	1	1	1	0	0	0	
22	0	0	0	0	0	0	1	1	2	1	1	1	0	1	1	1	1	1	0	0	0	0	0	1	
23	0	0	0	0	0	0	0	0	1	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	1	2	2	1	0	1	1	1	1	2	3	4	4	2	2	1	1	
25	0	0	0	0	0	0	0	1	4	7	13	16	4	6	5	6	11	8	6	5	5	5	5	5	
26	7	5	5	4	5	3	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	
28	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	
MEAN	5	4	3	2	1	1	2	5	7	5	3	2	1	1	1	1	2	2	4	4	4	4	4	4	

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - DEC 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	2	4	4	2	5	2	3	2	2	3	4	1	0	0	1	1	1	1
2	0	0	1	0	0	0	0	1	1	3	0	1	0	0	1	1	1	2	2	1	1	0	0	0	1
3	0	0	1	1	1	3	9	26	38	14	4	3	2	2	0	1	1	0	0	1	3	7	10	14	6
4	13	1	0	0	0	0	0	0	2	8	5	5	4	4	3	2	4	9	9	6	3	1	0	0	3
5	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	4	2	3	3	8	10	18	2
6	22	19	15	22	21	15	2	2	3	4	3	3	4	5	4	5	7	7	4	1	5	2	1	1	7
7	1	2	3	2	1	1	4	4	1	2	2	2	1	1	1	1	1	2	3	4	2	0	0	0	2
8	0	0	0	0	0	0	0	2	7	6	6	9	-	6	1	1	0	0	0	0	0	0	0	0	2
9	0	0	1	1	0	0	1	1	3	4	5	8	7	8	9	14	13	11	12	8	2	2	2	1	5
10	1	2	2	2	3	4	5	9	9	3	1	1	1	1	1	1	1	0	0	0	0	0	0	1	2
11	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	2	1	1	2	1	1	1	2	1	1
12	1	1	1	1	1	0	0	0	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1
13	0	0	0	0	0	0	0	1	2	1	1	1	1	2	2	2	3	19	11	2	2	1	1	1	2
14	0	0	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0
15	1	0	1	1	0	0	0	1	2	2	2	1	1	1	2	3	3	8	27	40	33	68	60	38	12
16	33	29	36	17	19	22	30	30	24	14	11	18	15	14	14	12	12	11	10	7	3	2	1	0	16
17	0	0	0	0	0	0	1	1	1	2	3	3	2	2	1	1	2	3	1	1	1	1	2	1	1
18	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	4	9	4	4	4	1	1	1	5	2
19	7	8	14	6	5	3	5	9	21	21	5	3	3	5	2	2	14	34	39	45	84	78	63	21	21
20	36	17	19	10	8	6	8	20	22	25	38	23	5	2	1	1	1	1	0	0	0	0	0	0	10
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
22	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
23	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	2	2	3	4	3	1	1	1	1	1
24	1	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	2	1	2	3	1	1
25	1	2	2	1	1	0	1	0	0	0	1	1	1	2	2	2	5	7	3	3	3	1	2	4	2
26	2	1	1	2	2	1	1	1	0	1	1	1	1	2	1	2	3	4	7	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	1	1	3	6	9	5	1
28	2	1	0	0	0	0	0	1	2	3	3	2	3	3	5	4	9	16	5	4	4	5	6	9	4
29	10	20	14	11	5	2	3	1	5	7	3	1	1	1	1	1	1	1	0	0	0	0	0	0	4
30	0	0	0	0	0	0	1	3	5	5	3	1	1	1	2	1	7	16	6	3	4	5	2	2	3
31	2	1	1	1	1	0	0	0	0	0	0	1	1	1	2	3	3	2	2	5	6	3	1	0	2
MEAN	4	3	4	3	2	2	2	4	5	4	3	3	2	2	2	2	3	6	5	5	6	6	6	4	3.8

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.3	7	29
FEB	29	2.8	11	68
MAR	27	2.1	12	46
APR	30	1.2	4	21
MAY	31	2.0	8	49
JUN	30	3.7	8	33
JUL	25	3.1	8	21
AUG	23	5.2	12	36
SEP	19	3.7	10	52
OCT	31	4.1	14	64
NOV	30	3.0	16	76
DEC	31	3.8	21	84
YEAR	337	3.0	21	84

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	654	54	26	3	0	0	0	737
FEB	597	51	28	10	3	1	3	693
MAR	597	27	21	7	1	3	0	656
APR	672	25	9	1	0	0	0	707
MAY	676	47	15	0	1	1	0	740
JUN	537	109	37	8	1	0	0	692
JUL	541	62	9	1	0	0	0	613
AUG	386	115	40	17	4	0	0	562
SEP	386	44	29	5	4	0	1	469
OCT	598	63	48	17	6	3	3	738
NOV	624	36	30	11	4	1	4	710
DEC	630	47	34	16	10	1	5	743
YEAR	6898	680	326	96	34	10	16	8060

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							ARITH MEAN
MIN	10	30	50	70	90	95	98	99	MAX		
91.8	0	0.0	0.2	0.8	2.1	6.9	11.4	19.5	26.9	84	3.0

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	7	4	3	1	1	2	2	3	4	6	8	7	7	8	9	8	9	13	16	16	21	7	
2	19	16	9	4	2	2	3	3	3	3	4	5	5	5	8	5	5	3	3	3	3	4	3	5	
3	2	2	1	0	1	1	3	4	3	5	6	4	2	2	2	1	1	1	1	0	0	0	0	2	
4	0	0	0	2	1	1	1	1	1	3	3	2	3	4	5	4	8	8	7	6	7	6	9	8	4
5	8	4	3	2	1	3	14	28	30	32	22	13	8	3	2	***	3	3	8	3	2	3	11	9	
6	3	3	2	5	4	6	5	12	25	19	6	6	8	8	8	8	6	6	9	10	8	5	7	4	8
7	1	1	1	2	1	1	2	3	8	7	5	5	***	***	11	10	13	9	6	5	3	3	4	4	5
8	1	1	1	1	0	2	12	32	37	22	16	9	3	5	4	7	6	4	2	1	2	2	1	1	7
9	0	0	0	0	0	2	3	4	4	3	3	2	3	5	3	4	3	1	1	2	2	0	0	1	2
10	1	1	1	1	1	2	5	11	14	3	2	2	4	3	4	5	4	13	12	10	11	5	18	28	7
11	27	7	1	0	0	0	0	0	0	1	2	1	1	1	6	7	3	2	1	3	4	5	4	5	3
12	5	2	0	0	0	1	7	19	24	31	27	20	13	8	9	7	9	10	5	8	2	1	3	2	9
13	2	0	0	1	4	5	8	15	18	19	11	10	8	10	14	9	11	10	4	5	6	3	2	2	7
14	1	2	0	0	0	2	5	8	9	9	7	5	3	***	***	***	4	2	1	1	0	1	2	3	3
15	1	1	1	2	0	1	5	16	20	11	7	6	9	7	9	3	4	3	2	6	27	5	2	2	6
16	2	2	1	0	0	0	1	2	5	5	5	3	7	7	7	10	13	12	12	8	4	6	8	6	5
17	3	3	1	0	0	0	1	3	5	6	9	10	12	13	12	11	12	18	20	18	15	10	7	7	8
18	3	3	1	0	0	0	0	3	4	5	7	7	10	10	7	6	3	4	10	9	4	11	11	29	6
19	17	10	3	5	4	4	10	6	13	8	6	3	3	4	3	4	5	6	3	2	1	2	3	2	5
20	1	0	0	0	0	1	3	3	3	4	4	3	3	9	9	13	13	11	10	7	7	2	2	1	5
21	0	0	0	0	0	0	1	1	2	6	5	4	5	13	13	8	8	16	11	4	4	2	4	5	5
22	2	1	0	0	0	1	7	15	9	8	12	8	7	9	13	15	21	18	18	14	9	5	4	6	8
23	6	4	2	2	1	2	11	23	27	21	21	22	22	32	33	29	21	15	12	12	9	8	5	5	14
24	3	3	1	1	0	2	4	4	5	7	7	8	10	10	12	9	9	11	13	20	18	17	17	19	9
25	28	30	19	14	9	11	11	13	15	16	14	10	1	3	3	0	0	1	0	0	0	0	0	0	8
26	0	0	0	0	4	8	5	12	19	11	10	10	11	13	32	36	38	27	21	18	11	8	5	5	13
27	4	2	0	0	0	2	18	21	19	18	18	17	15	18	20	18	30	26	25	25	24	23	15	10	15
28	7	4	1	1	0	1	7	20	11	6	2	2	-	***	2	5	3	4	3	2	***	0	1	***	4
29	0	0	0	0	0	2	9	18	14	9	6	10	9	7	10	13	15	13	16	9	10	14	13	15	9
30	13	8	6	2	2	5	16	28	27	25	22	17	17	14	***	18	23	24	22	20	18	23	27	27	18
31	34	33	28	14	16	17	19	32	18	7	10	11	5	2	2	1	1	1	1	0	0	0	0	0	11
MEAN	6	5	3	2	2	3	6	12	13	11	9	8	7	8	9	10	10	9	9	8	8	6	6	8	7.3

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	2	4	3	2	1	1	2	3	5	2	2	2	2	2	2	2
2	0	0	0	0	0	0	5	12	10	2	***	***	3	5	4	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	3	6	6	4	2	3	2	6	5	3	2	3	2	2	3	5	6	3	
4	9	7	3	5	11	6	5	7	***	8	7	5	4	5	10	12	16	16	22	21	14	14	17	24	11
5	12	6	5	4	3	6	22	31	34	25	20	16	8	13	22	22	22	17	23	21	19	23	22	27	18
6	22	16	12	9	12	18	16	39	28	17	9	8	6	8	11	9	12	11	12	3	2	1	1	2	12
7	1	2	1	0	0	1	5	13	11	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	1	3	2	4	4	***	4	4	4	11	6	6	9	6	1	3
9	2	0	0	0	1	2	24	46	53	36	18	7	4	3	2	4	2	2	1	1	1	1	2	0	9
10	0	0	0	1	0	1	3	10	10	9	8	4	3	5	4	5	9	11	2	0	0	5	6	4	4
11	2	2	0	0	0	0	4	15	18	15	10	7	5	3	4	8	9	8	5	4	5	3	4	3	6
12	2	4	1	0	0	1	5	14	13	3	2	2	4	4	3	2	3	3	3	5	4	2	1	1	3
13	0	0	0	0	0	4	20	21	26	12	11	9	8	***	9	12	18	16	11	7	8	6	6	7	9
14	8	8	5	3	2	3	1	4	8	8	7	6	4	4	2	2	2	2	3	2	0	0	1	7	4
15	0	1	2	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	3	2	1	1	1
16	0	0	0	0	1	3	12	31	27	15	18	12	5	13	9	4	6	3	2	1	0	0	0	0	7
17	0	0	0	0	0	4	18	24	10	9	7	10	8	8	14	9	23	20	8	4	3	2	0	0	8
18	0	0	0	0	0	0	0	2	2	3	2	1	1	1	2	9	10	12	1	6	6	2	1	1	3
19	0	0	0	0	0	1	3	6	4	3	2	3	3	3	5	5	8	10	10	8	6	5	5	5	4
20	4	2	0	0	0	2	13	23	20	13	7	5	7	7	***	10	12	10	23	17	3	2	2	3	8
21	4	8	21	2	1	6	1	5	10	13	7	1	2	2	8	6	3	15	34	27	22	19	12	5	10
22	3	5	1	0	0	0	0	0	0	1	1	2	3	3	***	3	4	4	3	3	4	3	2	1	2
23	0	0	0	0	0	1	11	19	19	11	6	4	3	4	3	2	2	1	0	0	0	0	0	1	4
24	1	0	0	0	0	0	1	2	3	3	2	3	2	3	2	2	3	5	9	9	48	57	69	50	11
25	92	25	31	29	20	34	15	31	11	3	5	1	1	1	2	1	1	0	0	2	6	0	0	0	13
26	1	28	8	23	24	7	32	58	29	9	7	9	8	9	14	16	17	21	19	17	7	7	6	8	16
27	10	6	0	0	0	1	0	***	19	14	10	8	4	2	4	7	21	19	3	3	1	0	0	0	6
28	0	1	5	1	0	0	1	3	3	4	5	5	5	3	1	1	1	1	1	1	1	0	0	0	2
29	0	2	0	0	0	0	2	4	2	1	4	6	1	3	5	5	4	6	5	7	8	11	8	9	4
MEAN	6	4	3	3	3	3	8	15	14	9	7	5	4	4	6	6	7	8	7	6	6	6	6	6	6.3

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE



## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	0	0	0	0	1	10	22	23	14	14	8	3	3	1	4	6	7	0	0	0	0	0	0	5
2	0	0	0	0	0	0	2	5	6	5	4	4	3	5	6	8	9	4	4	2	1	1	1	2	3
3	1	0	0	0	0	0	1	5	11	13	15	14	10	7	3	3	4	2	2	3	0	4	10	5	5
4	13	13	11	11	11	4	16	29	31	8	6	4	3	13	5	4	5	4	1	0	0	0	0	0	8
5	0	0	0	0	0	4	6	23	***	34	11	9	0	0	6	7	5	3	2	1	1	2	2	2	5
6	2	2	0	0	0	1	0	0	1	3	3	3	4	3	2	3	5	2	0	0	0	0	0	0	1
7	0	1	0	0	0	0	1	1	1	1	1	1	***	-	3	3	4	3	3	3	3	4	5	5	2
8	3	1	0	0	0	2	11	14	16	8	6	4	4	4	4	5	10	9	5	10	11	9	10	5	6
9	11	23	21	24	26	36	47	49	9	5	3	1	2	3	3	3	7	13	13	12	14	14	14	17	15
10	13	11	8	5	6	10	9	13	8	6	5	6	7	5	10	9	7	6	8	13	6	5	5	8	8
11	4	2	0	0	0	2	10	19	16	9	7	7	7	8	8	10	15	16	14	16	15	17	26	21	10
12	4	0	0	1	2	3	2	3	3	2	2	2	1	2	2	3	4	3	2	2	2	2	3	3	2
13	1	1	0	1	1	0	0	0	0	2	6	4	4	4	5	5	5	5	6	7	6	3	4	8	3
14	9	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	1	1	1
15	1	0	0	0	0	1	9	10	11	6	6	7	7	7	7	11	12	14	20	22	15	18	14	14	9
16	1	0	0	0	0	0	2	21	19	15	14	16	16	17	15	15	18	11	9	6	6	5	4	3	9
17	1	1	0	0	0	0	6	12	10	7	7	7	5	6	7	8	10	9	10	6	7	9	7	3	6
18	2	1	1	4	2	4	5	9	11	10	8	4	4	3	3	3	3	3	3	3	3	1	3	2	4
19	0	0	2	0	2	4	17	***	16	2	1	1	1	1	1	2	2	0	0	1	5	2	1	2	3
20	2	2	1	0	0	1	2	5	4	2	2	1	1	1	2	1	1	1	1	0	0	0	0	0	1
21	1	0	0	0	0	0	1	1	1	1	3	2	3	4	4	5	5	4	3	3	3	5	4	3	2
22	2	1	0	0	0	3	11	19	12	8	6	6	6	5	3	3	2	3	2	8	6	1	0	0	4
23	0	1	0	0	0	0	2	6	6	4	4	2	2	2	1	1	0	1	1	0	0	1	0	1	1
24	0	0	12	21	3	0	1	5	5	3	3	2	2	2	1	2	1	2	1	1	1	0	0	0	3
25	0	0	0	0	0	0	3	8	8	8	5	5	4	4	7	8	9	10	12	16	12	12	14	16	7
26	22	3	2	0	2	3	4	6	5	4	3	3	3	2	1	2	5	4	5	12	37	43	43	19	10
27	5	2	20	38	22	3	2	2	1	1	1	1	2	2	1	1	1	1	1	2	1	1	2	3	5
28	1	1	0	0	0	0	0	0	0	1	2	3	3	2	5	5	6	9	10	17	17	19	22	25	6
29	19	18	18	13	2	0	1	1	3	2	2	4	6	5	4	4	6	4	3	1	0	0	0	0	5
30	0	0	0	0	0	0	1	3	5	4	3	2	2	3	3	4	5	3	1	1	2	2	5	8	2
31	3	2	0	0	0	0	2	4	8	8	10	9	7	12	13	12	13	7	5	5	15	16	9	5	7
MEAN	4	3	3	4	3	3	6	9	9	6	5	4	4	5	4	5	6	5	5	6	6	6	7	6	5.2

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	0	0	0	1	4	8	5	4	4	2	4	4	3	3	2	2	3	1	1	3	7	3
2	3	1	2	2	2	3	11	17	16	12	10	11	9	10	***	14	14	18	13	17	16	12	12	13	10
3	10	4	2	0	0	0	3	5	5	5	5	5	2	1	1	1	1	1	8	9	5	5	5	7	4
4	6	4	1	0	0	0	0	0	1	2	2	2	3	5	5	4	5	5	5	6	9	10	6	6	4
5	3	0	0	0	0	1	5	11	13	7	5	4	3	3	-	6	8	7	9	12	14	2	4	13	6
6	6	3	1	0	0	2	13	22	16	10	7	5	4	4	4	9	13	10	9	7	5	6	8	16	8
7	9	5	2	1	1	2	11	17	14	8	7	7	6	6	7	7	10	8	6	7	5	7	8	7	7
8	4	3	2	2	1	3	9	15	15	10	8	7	7	8	9	9	14	12	9	9	6	5	4	4	7
9	2	2	1	0	0	3	14	21	19	11	5	4	2	2	3	4	3	2	2	4	4	11	26	26	7
10	22	9	6	1	1	1	3	2	2	1	1	2	2	1	1	2	2	3	4	3	1	1	1	2	3
11	2	2	0	0	0	0	0	0	0	1	1	2	3	3	3	4	4	3	3	3	4	5	6	7	2
12	3	2	1	1	1	2	11	15	13	9	6	6	6	6	6	6	8	8	8	6	6	4	1	1	6
13	1	4	2	0	1	3	14	17	14	5	5	5	4	6	6	7	9	7	7	13	15	17	13	9	8
14	13	14	18	19	19	30	42	31	22	5	4	4	3	3	2	***	***	1	1	1	0	2	1	1	11
15	6	4	1	0	3	2	1	5	7	7	8	***	***	***	***	2	2	2	3	2	3	7	35	10	6
16	12	4	6	***	2	3	7	7	8	1	1	0	0	0	1	1	1	1	0	1	1	2	0	0	3
17	0	***	0	2	1	1	11	4	2	3	4	3	2	2	3	2	2	1	1	1	2	3	10	3	3
18	22	24	52	50	69	55	52	22	6	2	1	1	1	1	1	1	1	1	1	1	3	4	2	2	16
19	4	34	18	5	0	2	36	16	12	7	8	6	4	2	3	7	9	11	13	20	15	18	22	18	12
20	5	1	0	0	0	3	17	24	27	12	5	***	3	2	3	5	5	4	3	11	23	23	19	18	9
21	14	9	7	6	5	7	2	3	3	3	3	3	2	11	15	4	15	6	3	21	23	19	4	2	8
22	4	5	2	4	3	2	5	7	3	4	3	***	***	4	2	5	3	5	7	8	5	3	2	6	4
23	2	2	1	0	1	2	8	12	10	8	7	***	5	5	6	7	7	8	11	17	13	13	10	8	7
24	7	6	4	2	1	2	4	2	1	1	1	1	1	2	2	1	1	6	10	14	8	8	10	6	4
25	5	5	2	1	1	1	1	1	2	2	3	4	6	6	6	6	6	8	4	4	3	3	2	1	3
26	1	1	1	1	2	6	10	11	10	10	9	8	8	7	8	9	9	6	7	7	6	6	6	4	6
27	2	1	1	1	2	9	16	13	10	7	7	7	7	8	10	12	12	8	7	6	7	6	5	3	7
28	2	1	1	1	2	7	12	12	9	7	7	6	6	6	8	9	9	8	7	6	6	6	7	8	6
29	3	1	1	1	5	17	22	18	11	8	4	3	3	2	3	5	10	10	9	8	11	13	26	23	9
30	14	8	6	5	11	29	41	21	6	6	4	3	2	3	3	2	2	1	2	1	1	1	1	1	7
MEAN	6	6	5	4	4	7	13	12	10	6	5	4	4	4	5	5	6	6	6	8	7	7	8	8	6.5

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	13	2	1	1	2	3	11	6	4	2	2	3	2	1	1	2	1	2	4	2	1	2	2	3
2	9	4	6	1	1	2	2	1	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2
3	0	0	0	0	1	2	9	10	7	5	5	4	4	****	8	7	4	5	4	5	4	4	4	2	4
4	1	1	1	1	1	5	11	10	6	5	5	3	2	****	5	3	1	1	0	0	0	0	1	1	3
5	1	1	1	1	1	1	2	4	3	3	2	2	2	1	2	1	1	1	1	1	1	1	2	2	2
6	2	2	2	1	2	7	12	11	13	15	13	13	17	****	6	6	4	2	2	1	7	2	5	1	6
7	2	1	1	1	2	5	13	14	11	11	10	9	13	12	15	17	17	13	11	10	12	10	16	20	10
8	7	2	1	1	1	3	4	5	4	5	5	5	4	4	2	3	2	3	4	1	0	0	0	0	3
9	1	1	1	1	1	1	1	1	3	4	2	2	1	1	1	2	1	2	3	6	16	26	34	32	6
10	34	24	22	17	19	35	31	5	4	5	****	5	6	5	5	2	1	1	1	1	1	1	1	1	10
11	1	1	1	1	2	11	15	12	7	4	3	3	3	2	14	17	12	9	7	5	5	4	2	1	6
12	1	1	1	1	4	13	12	11	8	6	****	5	6	6	8	9	7	6	5	7	9	4	5	7	6
13	8	2	0	1	3	4	5	5	6	6	3	3	2	2	3	4	3	1	1	1	1	1	1	1	3
14	0	6	3	1	1	3	8	6	8	8	8	7	8	10	11	6	6	17	18	15	19	23	27	32	10
15	20	25	23	27	23	15	15	10	4	5	2	2	2	2	2	2	2	1	1	3	1	2	2	1	8
16	1	1	1	1	1	1	2	2	4	6	5	12	6	4	9	5	6	4	5	14	17	8	5	5	5
17	5	8	9	5	4	5	5	10	8	6	4	4	4	5	8	10	10	10	7	4	4	3	3	1	6
18	1	0	0	0	1	4	12	13	7	7	5	4	****	6	7	8	8	6	5	4	4	6	4	3	5
19	3	1	0	1	1	5	11	10	5	6	6	5	6	****	8	9	10	6	3	2	2	2	2	1	5
20	1	0	0	0	1	4	13	15	11	6	4	5	2	2	3	4	6	4	5	9	23	29	20	12	7
21	2	1	1	1	1	5	8	8	5	5	6	5	****	9	10	10	10	8	8	8	10	10	11	12	7
22	8	4	3	2	1	2	3	3	5	4	5	4	4	4	3	3	1	1	4	5	5	6	3	4	4
23	6	2	1	1	1	2	2	1	2	3	3	4	3	3	4	3	3	4	4	6	7	4	3	2	3
24	1	0	0	0	1	1	2	2	2	3	1	1	2	1	1	1	1	1	1	1	1	5	2	1	1
25	1	1	3	5	7	5	7	10	8	4	3	3	****	4	4	3	7	13	11	10	10	12	9	8	6
26	6	4	3	3	6	18	28	25	10	8	4	3	2	****	2	2	3	6	9	11	18	16	20	17	10
27	16	11	8	6	9	16	24	17	9	8	5	3	2	2	2	2	1	1	1	2	3	6	4	7	7
28	12	16	20	16	21	13	7	6	4	3	2	2	2	2	2	2	2	1	1	1	2	4	14	4	7
29	1	1	1	2	4	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	9	2
30	19	11	5	8	5	4	3	2	2	2	2	2	3	3	3	3	3	3	3	6	6	6	4	4	5
31	3	3	2	2	2	4	17	28	26	14	11	9	8	8	8	14	18	16	20	19	11	18	21	11	12
MEAN	6	5	4	4	4	6	9	9	6	6	4	4	4	4	5	5	5	5	5	5	7	7	7	7	5.6

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE													MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	5	4	5	12	22	24	18	10	5	3	6	5	5	4	3	3	4	3	17	42	46	53	13
2	49	35	15	6	7	20	29	26	7	1	1	1	2	2	3	4	1	1	1	3	14	34	40	40	14
3	35	23	13	7	8	21	31	21	12	3	2	3	2	2	2	2	1	1	2	1	8	45	54	64	15
4	34	16	7	3	7	18	20	7	4	2	2	2	2	2	2	1	1	1	1	4	4	3	4	26	7
5	28	21	14	10	11	17	16	11	3	1	1	1	1	1	1	1	1	1	1	1	3	24	32	28	10
6	14	7	3	1	1	2	2	3	3	3	3	2	3	2	2	2	2	3	4	5	7	9	7	6	4
7	4	3	2	2	2	6	21	18	9	8	6	5	5	5	6	7	8	6	5	7	12	15	14	9	8
8	7	4	2	3	6	12	21	22	13	5	3	2	2	2	3	6	7	5	5	9	11	15	20	26	9
9	18	8	5	5	7	12	20	22	14	8	3	3	3	3	3	3	3	2	2	3	3	4	4	6	7
10	3	3	3	3	3	8	15	6	3	3	2	2	2	1	1	1	1	1	1	2	2	2	2	2	3
11	2	2	3	3	2	4	11	15	8	4	3	3	3	3	4	5	5	5	5	5	7	7	6	5	5
12	5	3	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	9	7	3	3	5	6	4	2
14	4	5	4	4	4	10	5	7	7	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4
15	10	12	3	3	4	5	8	8	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	4
16	2	2	2	2	2	3	4	5	3	5	****	****	4	5	4	5	4	4	4	2	2	2	6	7	4
17	5	2	1	1	3	9	19	13	11	5	5	3	3	2	5	4	3	2	2	2	2	18	30	31	8
18	20	16	13	15	21	34	25	9	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	8
19	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	4	7	7	7	5	6	9	9	4
20	7	3	1	1	1	1	2	3	4	4	4	5	4	2	2	2	2	2	4	8	31	29	21	12	6
21	10	8	5	5	10	23	16	15	8	6	6	7	10	6	7	7	7	6	5	3	9	10	12	11	9
22	7	5	4	5	7	9	12	12	9	7	4	3	3	2	3	2	2	2	2	3	4	10	2	2	5
23	7	6	5	6	12	22	26	12	5	3	3	3	3	3	3	3	3	3	3	3	3	9	15	10	7
24	6	4	8	4	6	4	6	5	4	4	4	5	3	3	3	3	3	4	4	4	4	3	3	3	4
25	6	3	3	3	7	17	18	16	11	8	6	5	7	6	5	5	5	6	8	10	4	4	3	7	7
26	2	3	3	3	3	5	7	6	5	4	4	4	4	4	4	5	5	10	6	5	5	5	8	6	5
27	8	10	8	7	7	8	9	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	8
28	10	10	9	9	11	20	27	21	14	9	6	6	6	7	****	7	17	19	23	15	10	9	14	13	13
29	7	7	10	11	8	19	29	22	16	10	9	8	7	8	9	10	10	9	7	7	7	7	8	7	11
30	14	15	14	8	8	8	20	11	12	11	11	10	10	10	****	8	10	10	9	9	8	8	7	8	10
MEAN	1.1	8	6	5	6	11	15	12	7	5	4	4	4	4	3	4	4	5	5	5	7	11	13	14	7.1

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

STATION • C NO 35033

EVANS/ARNOLD AVE, ETOBICOKE

MONTH - JUL 76

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	9	8	8	8	9	8	10	10	9	9	8	9	10	8	10	12	10	10	9	7	6	6	6	9
2	5	5	5	4	4	5	6	7	9	8	10	10	13	10	11	15	12	12	12	10	9	9	9	8	9
3	7	5	4	4	5	4	8	7	7	9	10	****	11	11	11	12	13	15	15	15	15	13	13	11	10
4	10	8	6	5	5	6	6	6	6	6	6	7	7	7	7	6	5	5	4	4	5	30	27	16	8
5	10	8	8	8	10	17	23	17	13	11	9	7	7	4	4	7	7	7	6	6	5	11	25	15	10
6	9	5	6	8	12	25	25	10	10	8	9	7	8	7	***	8	6	5	7	11	19	20	16	9	11
7	12	12	12	17	22	32	31	28	21	11	12	11	11	7	4	4	4	16	9	6	11	10	5	5	13
8	5	6	3	3	3	7	17	13	9	11	10	9	10	10	9	10	10	10	9	10	12	12	10	11	9
9	9	7	5	6	7	16	27	26	18	***	8	7	7	6	6	6	5	5	5	5	5	6	11	17	10
10	16	15	12	6	7	7	6	10	9	7	7	5	5	6	7	7	7	8	8	9	9	9	9	10	8
11	13	8	8	8	10	10	8	11	7	3	3	3	3	3	3	3	3	3	3	4	5	5	4	3	6
12	2	1	1	1	2	5	10	8	6	6	6	6	8	8	8	10	7	7	5	3	2	3	3	1	5
13	1	1	1	1	1	4	7	6	5	4	5	4	5	5	6	8	8	7	6	6	6	5	8	6	5
14	6	4	5	5	10	14	21	16	10	12	13	13	12	12	15	11	6	5	6	6	4	2	4	2	9
15	9	6	7	9	19	19	23	13	4	4	4	3	3	3	3	3	2	2	2	1	1	2	2	2	6
16	2	2	2	3	5	9	14	9	4	8	8	6	4	***	7	9	9	8	8	5	6	5	7	6	6
17	5	2	2	2	2	4	5	5	5	4	4	3	3	3	3	3	6	6	5	6	5	4	3	4	4
18	7	4	3	3	3	4	5	4	3	3	3	2	3	3	4	3	4	4	5	6	11	6	4	4	4
19	4	4	4	6	6	10	19	15	8	6	4	3	3	3	3	3	3	3	3	3	3	3	3	3	5
20	3	4	4	4	4	5	6	9	7	7	6	6	6	7	5	5	5	5	5	5	6	5	6	14	6
21	8	6	7	7	8	15	26	24	15	9	8	7	8	9	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	6	5	5	5	4	5	4	4	4	***
23	5	5	5	6	17	19	16	11	11	9	9	8	13	10	9	7	8	9	10	10	16	10	10	22	11
24	21	15	11	8	8	8	9	8	9	9	9	9	8	8	7	7	6	6	6	8	7	9	12	14	9
25	12	5	3	2	2	4	5	5	2	3	1	1	1	1	1	1	1	1	1	1	2	3	2	8	3
26	12	19	8	7	6	8	13	9	6	3	3	4	***	4	4	4	5	5	3	3	3	3	3	4	6
27	4	4	4	5	6	7	15	19	17	12	10	8	7	7	9	11	11	10	10	11	15	19	19	11	10
28	7	6	5	5	7	14	22	20	9	6	6	6	***	5	6	6	6	6	6	5	5	5	5	5	8
29	5	5	5	5	5	5	6	8	9	6	9	7	11	12	18	23	23	20	15	14	13	14	14	10	11
30	10	10	10	10	11	18	24	20	15	10	7	6	6	6	6	7	6	6	6	6	5	5	5	5	9
31	14	8	5	10	10	9	9	12	15	10	7	6	6	7	6	12	9	10	10	10	9	9	11	10	9
MEAN	8	7	6	6	8	11	14	12	9	7	7	6	7	7	7	8	7	7	7	7	7	8	9	8	7.9

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.       "- " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033

EVANS/ARNOLD AVE, ET081COKE

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	7	6	5	5	4	5	5	6	6	6	5	6	6	6	6	6	7	8	8	12	11	9	7	
2	5	3	3	3	3	4	5	3	3	2	2	2	2	3	2	3	5	6	8	10	13	16	18	13	6
3	11	7	9	6	8	8	14	11	6	4	***	3	3	3	3	3	3	3	4	4	4	4	3	6	
4	4	4	3	4	11	13	8	7	7	6	5	4	5	4	4	4	4	3	2	2	2	2	2	5	
5	2	2	3	3	3	4	5	5	4	4	4	4	4	4	4	4	4	4	5	5	8	8	9	5	
6	7	6	5	5	6	12	15	14	10	9	8	4	***	4	5	5	3	3	4	4	3	16	24	25	9
7	23	6	3	3	4	7	7	6	5	4	4	2	2	2	3	3	7	5	9	14	14	13	12	10	7
8	12	6	5	4	4	4	5	5	6	9	9	11	11	11	11	12	13	14	16	17	18	14	15	11	10
9	8	6	6	6	9	19	22	26	23	19	18	16	14	13	12	16	15	11	15	17	18	19	17	14	15
10	9	7	6	7	11	29	43	32	***	***	10	11	10	11	11	12	14	14	5	5	9	29	38	40	17
11	18	15	9	9	12	8	13	12	9	7	6	7	7	6	6	6	6	6	6	6	6	5	5	5	8
12	6	6	6	6	7	7	11	11	9	9	8	8	8	8	7	7	7	8	7	7	7	8	9	9	8
13	10	15	11	11	11	11	12	13	21	18	14	12	12	3	7	19	15	16	14	15	12	27	20	17	14
14	32	21	14	10	11	12	16	15	14	14	11	10	10	10	10	10	10	10	17	21	20	14	9	18	14
15	18	14	10	8	8	8	9	10	9	10	11	11	10	10	10	9	8	10	12	14	16	14	12	7	11
16	5	3	3	3	5	11	24	24	13	***	8	8	8	8	9	9	10	9	9	10	14	12	13	11	10
17	6	4	5	4	6	16	36	31	26	17	11	7	8	5	9	11	11	9	10	16	20	16	16	13	13
18	6	4	3	3	5	10	24	22	***	9	5	4	5	4	4	4	4	4	4	4	4	4	42	43	10
19	35	22	15	15	19	34	53	41	14	5	6	5	5	5	5	5	4	4	4	4	5	5	4	23	14
20	27	19	28	24	28	29	23	20	13	***	4	5	5	4	4	4	4	4	4	4	4	6	10	8	12
21	9	6	6	5	5	10	13	9	7	6	6	6	5	5	5	4	5	5	5	5	5	6	14	19	7
22	16	16	11	6	6	7	7	6	6	6	7	6	6	5	5	4	4	4	5	4	7	13	17	9	8
23	8	5	5	5	6	10	19	21	17	***	-	6	6	6	6	6	6	8	12	13	11	13	15	15	10
24	7	6	5	5	6	8	19	19	8	6	5	5	***	3	5	6	7	6	7	6	7	7	10	37	9
25	40	30	20	14	14	26	49	63	49	27	13	7	7	7	7	7	7	7	8	9	8	8	9	36	20
26	38	35	31	29	29	35	49	48	48	18	10	9	8	9	10	10	9	9	9	9	9	9	8	8	20
27	8	11	15	9	8	9	16	14	12	11	11	***	8	10	10	10	10	10	10	9	9	9	8	10	
28	8	8	8	8	8	8	7	8	7	7	7	7	8	8	7	8	9	7	9	11	14	19	21	15	9
29	15	9	6	5	5	4	5	5	6	7	9	8	7	8	9	8	9	9	9	10	9	8	9	9	8
30	4	2	2	2	4	9	22	20	15	11	***	***	***	7	10	8	9	11	13	11	8	10	19	22	10
31	11	7	4	4	11	24	37	39	11	6	4	2	2	2	2	2	2	2	2	2	1	2	2	2	8
MEAN	14	10	9	7	9	13	19	18	13	10	8	7	7	6	7	7	7	7	8	9	9	11	14	15	10.2

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.     " - " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - C NO 35033 EVANS/ARNOLD AVE. ET081COKE															MONTH - SEP 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	5	11	21	26	21	16	15	14	****	20	17	13	10	14	15	9	11	13	15	13	13
2	7	5	3	2	5	15	30	26	14	6	3	3	3	3	5	5	5	4	4	4	5	6	17	12	8
3	32	28	28	24	29	37	56	42	13	4	4	3	3	2	1	2	2	2	3	4	4	3	3	3	14
4	2	2	2	3	3	3	4	4	4	5	6	6	8	8	9	9	8	9	12	15	13	10	9	10	7
5	10	6	4	3	3	3	4	5	5	6	7	8	8	6	6	7	8	8	8	8	9	7	11	14	7
6	8	7	4	1	1	3	7	8	8	6	5	5	3	1	1	1	2	5	8	16	22	18	21	25	8
7	20	9	12	6	6	13	30	17	10	4	4	4	4	4	4	4	5	2	3	3	3	3	8	9	8
8	9	9	6	11	15	26	37	26	17	11	7	3	3	3	4	4	3	3	3	3	3	17	16	7	10
9	11	11	12	19	13	12	15	28	12	5	5	5	5	5	5	5	5	5	5	7	15	16	20	16	11
10	10	5	5	5	5	7	10	12	9	9	10	10	9	9	10	10	9	8	6	6	4	3	3	3	7
11	1	1	1	1	1	2	2	2	4	4	4	5	7	7	4	5	7	8	13	8	10	5	8	17	5
12	40	37	33	29	33	18	17	8	4	3	2	2	2	2	2	2	3	4	8	17	17	9	13	7	13
13	4	4	9	25	21	16	54	37	18	8	5	3	3	***	3	3	3	3	4	3	3	3	8	13	11
14	9	3	2	5	18	36	33	22	19	13	7	4	3	3	3	3	3	3	5	3	3	3	3	3	9
15	10	11	10	14	11	19	***	34	17	9	7	4	4	5	7	5	3	3	10	13	13	25	16	16	12
16	8	6	4	4	7	7	10	16	9	10	18	11	6	6	6	7	6	6	12	16	12	12	8	9	9
17	5	4	4	4	4	12	18	19	15	12	12	14	15	9	***	20	15	14	19	21	21	17	15	12	13
18	14	7	5	5	5	6	7	9	11	11	11	10	8	9	10	11	11	12	23	30	21	13	13	14	12
19	14	9	6	4	4	4	8	8	5	5	3	3	3	4	4	5	5	7	13	23	9	3	3	4	7
20	3	3	3	4	5	5	10	11	14	10	13	8	9	9	10	11	12	11	8	7	5	6	6	4	8
21	2	2	1	2	7	27	35	41	17	4	3	3	****	2	4	8	13	18	4	2	5	11	12	5	10
22	2	1	1	1	1	1	3	6	3	3	3	7	6	8	6	11	10	8	10	5	4	6	5	7	5
23	5	5	6	1	2	3	3	4	4	3	2	4	5	6	8	10	9	7	9	10	10	12	9	3	6
24	2	1	1	2	6	17	38	26	10	7	7	9	6	8	3	3	3	2	3	2	6	4	6	8	8
25	6	5	4	3	5	7	3	5	4	3	2	2	1	1	1	2	4	8	11	8	6	7	11	14	5
26	17	12	12	10	9	11	14	12	10	6	2	2	2	1	1	13	17	17	15	15	13	12	11	7	10
27	5	2	2	2	5	13	27	29	19	16	6	3	***	3	6	8	4	2	5	26	11	8	8	6	9
28	3	2	2	2	3	10	21	26	16	11	8	6	4	3	2	3	2	2	4	8	17	9	7	6	7
29	2	1	1	1	1	3	8	6	4	3	2	2	1	2	2	3	4	11	18	6	8	5	6	3	4
30	7	5	3	4	6	31	49	35	26	13	2	2	2	2	4	3	2	3	5	10	4	38	45	42	14
MEAN	9	7	6	7	8	13	20	18	11	8	6	6	5	5	5	7	6	7	9	10	10	10	11	10	8.9

PERCENTAGE OF OATA VALIO - 99.2

PERCENTAGE OF OATA INVALID - 0.8

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION													
STATION - C NO 35033 EVANS/ARNOLO AVE. ET081COKE													MONTH - OCT 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	49	41	20	15	16	24	34	27	13	4	1	2	2	1	3	7	4	3	2	3	5	4	12	25	13	
2	37	34	20	14	28	32	48	49	25	11	5	3	2	2	2	3	2	4	14	8	8	57	53	33	21	
3	42	25	4	2	1	2	3	3	4	5	2	1	1	1	1	1	2	1	4	25	47	52	51	45	14	
4	35	31	25	19	19	36	77	64	15	4	3	3	3	****	2	3	3	9	26	33	32	28	28	22		
5	15	24	22	25	23	6	19	12	6	5	3	3	3	1	1	0	0	0	0	0	0	3	3	7		
6	1	1	1	1	1	3	10	10	8	5	4	4	6	6	6	4	5	4	3	4	5	5	4	2	4	
7	2	2	2	1	2	8	24	21	11	12	11	10	9	11	14	17	18	19	19	16	11	9	8	6	11	
8	4	3	3	2	4	10	25	30	23	23	23	17	18	18	20	21	22	23	21	19	16	14	14	13	16	
9	10	6	2	2	2	2	5	7	9	9	9	9	8	8	7	7	10	11	6	5	4	4	7	7	7	
10	4	3	1	0	0	0	1	2	2	2	2	3	3	4	4	4	5	4	9	13	12	9	9	9	4	
11	6	5	3	3	4	7	15	15	11	3	2	1	1	1	1	1	1	2	3	3	1	1	1	1	4	
12	2	3	3	2	3	10	25	18	10	5	5	4	3	2	2	2	2	2	3	2	2	3	4	4	5	
13	1	1	1	1	2	4	12	22	24	11	7	4	3	3	7	7	10	11	8	6	3	4	5	3	7	
14	1	0	0	1	1	7	14	22	18	13	8	7	7	7	8	10	11	12	9	2	3	10	12	3	8	
15	3	2	2	1	1	2	5	3	2	1	1	2	3	3	6	6	8	11	9	8	6	4	4	4	4	
16	3	1	1	1	2	3	4	6	8	8	8	9	10	9	9	10	13	17	18	16	9	6	9	12	8	
17	12	8	3	2	1	1	1	3	4	6	6	5	6	4	5	8	9	8	6	9	9	10	7	4	6	
18	2	1	1	2	3	16	40	39	16	10	-	6	7	7	11	18	18	18	13	9	9	10	9	8	12	
19	7	5	2	2	5	17	28	12	21	12	6	11	7	9	6	8	3	2	5	3	3	16	13	7	9	
20	7	3	2	3	6	19	32	21	11	6	4	6	3	4	24	22	28	23	23	20	14	13	11	6	13	
21	3	1	1	1	1	5	13	13	9	5	5	4	3	****	7	5	5	3	2	1	1	1	1	1	4	
22	1	1	0	1	1	4	10	14	10	9	6	6	7	7	11	12	6	6	10	6	4	3	5	2	6	
23	4	6	4	3	2	3	3	4	3	3	5	6	6	6	5	7	15	22	24	25	39	35	35	39	13	
24	25	13	5	0	0	1	1	1	1	1	1	1	1	3	9	10	10	11	13	14	13	12	11	9	7	
25	2	1	1	1	2	9	24	24	23	21	****	16	18	18	17	24	19	23	14	10	14	20	28	22	15	
26	18	10	8	3	4	13	27	28	18	13	12	9	9	10	10	17	16	18	16	12	8	11	12	10	13	
27	7	4	2	2	3	11	27	29	23	15	9	9	10	9	10	18	19	19	17	13	20	20	15	5	13	
28	8	7	7	1	2	2	6	5	4	3	3	4	3	4	4	5	3	2	1	1	0	1	1	1	3	
29	1	1	0	0	0	1	4	7	4	3	4	4	6	8	4	8	7	8	1	2	2	1	1	2	3	
30	2	1	3	2	2	3	5	6	10	6	8	5	4	5	6	7	8	12	18	25	12	10	10	10	8	
31	-	-	-	-	-	-	-	-	-	-	-	-	****	6	5	6	6	9	10	11	6	10	17	18	20	*****
MEAN	10	8	5	4	5	9	18	17	12	8	6	6	6	6	7	9	9	10	10	10	10	13	13	11	9.3	



## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033					EVANS/ARNOLO AVE, ETOBICOKE											MONTH - NOV 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	8	3	2	1	1	3	26	53	44	26	11	12	8	11	13	16	22	29	37	40	29	31	26	29	20		
2	28	17	12	16	20	37	83	56	34	15	12	9	***	-	***	5	6	3	2	4	5	4	14	14	19		
3	6	5	6	5	4	6	10	19	18	11	6	5	4	3	2	2	5	8	30	44	69	66	77	91	21		
4	78	62	58	33	3	5	23	50	64	63	8	7	6	6	10	19	6	3	3	4	6	4	4	3	22		
5	2	2	1	1	2	3	5	14	17	10	7	5	7	***	14	16	22	26	15	19	17	6	3	2	9		
6	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2	3	3	8	8	3		
7	7	6	4	2	1	1	1	1	1	2	3	5	6	6	6	9	9	9	14	15	11	11	9	9	6		
8	5	1	1	1	1	2	9	24	23	15	10	10	8	9	***	17	20	15	17	15	9	9	11	4	10		
9	5	1	1	1	1	2	19	5	4	7	3	4	5	4	5	5	5	6	8	11	6	8	17	12	6		
10	10	11	8	5	4	5	10	29	26	17	9	6	6	9	15	18	18	19	17	12	13	11	12	13	13		
11	10	4	2	2	2	3	11	38	28	16	11	9	7	5	6	10	12	10	10	6	9	11	9	9	10		
12	7	4	4	4	4	7	16	29	31	20	14	13	10	11	14	15	17	14	15	15	11	11	9	7	13		
13	5	6	2	2	2	2	2	4	3	3	4	5	6	4	4	5	6	9	5	4	3	1	1	1	4		
14	2	2	2	1	1	1	1	1	2	2	***	4	4	4	5	5	7	10	20	32	40	52	55	29	19		
15	16	11	11	9	6	8	24	42	48	38	17	6	***	8	8	12	18	25	31	35	26	21	18	24	20		
16	28	21	10	7	4	8	28	44	42	20	10	4	4	4	***	12	17	23	8	10	7	7	6	7	14		
17	10	6	5	8	5	6	8	15	21	6	7	6	4	5	4	5	5	3	2	1	1	3	8	8	6		
18	6	4	4	2	2	2	6	13	17	15	11	9	8	10	9	12	14	6	5	2	2	2	3	4	7		
19	4	3	4	2	2	3	10	23	24	18	10	9	8	8	9	10	13	14	11	14	17	17	16	13	11		
20	12	11	7	3	2	2	4	7	9	10	10	11	9	13	12	12	12	14	14	15	11	5	4	5	9		
21	5	7	5	2	1	1	1	2	3	4	5	5	5	5	1	9	11	9	9	8	7	3	1	1	5		
22	1	1	1	1	1	2	5	12	12	10	8	7	6	6	8	11	11	8	6	3	2	2	2	1	5		
23	1	1	1	1	1	1	2	4	6	5	6	6	6	6	8	9	9	10	4	2	1	1	1	1	4		
24	1	1	1	1	1	2	5	8	8	5	3	3	8	7	7	***	19	19	15	9	8	5	4	3	6		
25	3	1	1	1	1	1	2	6	10	14	16	8	8	10	9	12	16	11	6	8	7	8	8	10	7		
26	7	4	4	5	4	4	4	7	8	7	6	6	6	7	7	7	7	5	2	2	2	2	2	3	5		
27	2	2	1	1	1	2	2	3	3	6	2	2	3	4	4	6	8	9	8	8	7	3	2	2	4		
28	1	1	1	1	1	1	1	1	1	2	3	3	6	6	5	4	4	5	7	6	5	5	6	4	4		
29	1	0	0	0	0	1	4	10	10	10	7	6	***	6	6	6	5	4	2	2	1	1	1	1	4		
30	1	0	0	0	0	1	2	5	4	2	2	1	2	***	3	7	12	13	12	10	7	2	2	2	4		
MEAN	9	7	5	4	3	4	11	18	17	13	8	6	6	7	7	10	11	12	12	12	12	11	10	10	9.4		

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35032					EVANS/ARNOLD AVE, ETOBICOKE										MONTH - DEC 76										24	MEAN
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
1	1	1	1	1	1	1	2	11	17	7	5	4	4	4	5	5	5	3	2	2	2	3	4	2	4	
2	3	3	3	1	1	1	4	11	12	9	6	6	6	7	7	8	11	11	9	8	3	2	2	2	6	
3	2	3	3	2	2	5	15	32	36	28	10	8	7	4	3	9	4	5	4	13	14	15	19	7	10	
4	1	2	2	1	1	1	1	2	2	2	13	14	15	15	13	13	14	17	11	7	5	3	2	7		
5	1	1	1	1	1	1	1	1	1	2	4	4	5	3	3	2	3	6	6	7	11	19	27	30	6	
6	26	14	12	10	12	6	2	6	9	8	8	8	9	9	11	13	13	9	5	6	8	2	2	2	9	
7	3	3	4	4	3	5	13	18	12	8	8	9	9	9	10	12	16	21	19	15	7	7	8	7	10	
8	4	3	2	1	1	2	7	23	29	25	21	11	6	8	5	5	4	4	2	2	2	3	2	4	7	
9	3	2	1	1	2	3	9	21	28	23	16	16	13	11	7	13	10	15	4	3	4	4	3	3	9	
10	3	2	2	4	4	4	9	14	10	6	3	3	2	2	2	2	3	2	1	2	2	3	3	3	4	
11	3	2	2	1	1	1	1	1	2	6	5	4	2	3	2	4	3	3	3	2	2	2	2	2	2	
12	2	2	3	7	2	2	2	2	2	4	-	3	4	2	7	9	6	3	3	4	4	5	3	3	4	
13	1	1	0	0	0	0	2	12	12	12	8	10	10	9	8	8	16	18	19	8	6	6	6	4	7	
14	2	1	6	2	7	9	3	3	4	4	4	4	4	2	2	2	2	2	1	1	1	1	3	7	3	
15	8	4	5	2	2	2	3	17	26	20	11	10	9	6	5	9	10	31	52	41	70	65	64	74	23	
16	57	24	5	28	21	42	48	43	42	37	26	24	34	33	34	38	32	32	23	17	13	8	5	29	29	
17	3	2	1	1	1	2	4	4	5	7	11	12	12	14	16	17	19	19	17	11	10	11	11	11	9	
18	7	6	3	2	1	1	2	4	5	7	7	9	12	12	9	6	15	6	5	5	5	2	2	4	6	
19	4	4	4	3	2	1	4	4	3	4	5	5	9	8	6	9	11	14	12	21	45	12	10	10	9	
20	11	6	9	9	4	4	7	15	12	26	44	24	14	13	12	11	12	11	9	8	5	3	4	5	12	
21	3	2	1	1	1	1	3	10	10	6	5	5	5	6	6	7	9	10	10	7	6	6	6	5	5	
22	3	2	1	1	0	1	1	1	3	3	2	3	3	3	3	4	3	3	2	2	2	2	2	1	2	
23	1	1	1	1	1	1	2	4	8	9	9	8	9	10	12	15	20	19	18	13	8	5	4	6	8	
24	4	2	1	1	2	1	2	5	4	2	1	2	2	2	2	2	2	2	2	2	3	5	4	3	2	
25	2	3	3	2	3	4	1	1	1	1	1	3	5	2	4	7	6	12	11	10	9	9	11	5	5	
26	7	3	1	1	1	1	4	6	5	3	3	5	3	7	7	10	11	14	12	6	4	3	3	4	5	
27	4	2	1	1	1	1	2	4	4	5	5	2	1	1	2	2	1	3	9	10	14	15	18	10	5	
28	5	3	3	1	1	1	3	9	12	12	8	8	8	9	10	15	21	23	16	17	14	11	12	14	10	
29	18	20	18	8	2	2	6	7	16	16	12	6	4	5	6	7	8	4	2	1	1	1	1	1	7	
30	1	1	1	1	1	2	2	6	13	16	12	7	7	8	9	11	19	20	16	14	11	11	9	7	9	
31	6	4	3	2	2	2	1	1	1	1	1	2	9	10	11	16	13	11	8	13	12	7	4	4	6	
MEAN	6	4	3	3	3	3	5	10	11	10	10	8	7	8	8	9	11	11	10	9	10	8	8	8	7.7	

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	7.3	18	38
FEB	29	6.3	18	92
MAR	31	5.2	15	49
APR	30	6.5	16	69
MAY	31	5.6	12	35
JUN	30	7.1	15	64
JUL	29	7.9	13	32
AUG	31	10.2	20	63
SEP	30	8.9	14	56
OCT	30	9.3	22	77
NOV	30	9.4	22	91
DEC	31	7.7	29	74
YEAR	363	7.6	29	92

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	404	150	124	43	12	0	0	733
FEB	452	109	75	34	10	3	5	688
MAR	512	115	87	17	5	4	0	740
APR	399	184	90	22	4	3	4	706
MAY	487	134	89	18	6	0	0	734
JUN	412	181	75	30	11	4	3	716
JUL	253	317	121	21	2	0	0	714
AUG	211	284	172	35	17	9	2	730
SEP	320	190	146	35	16	5	2	714
OCT	342	173	127	56	17	7	6	728
NOV	324	196	124	31	13	7	14	709
DEC	408	156	129	25	10	7	6	741
YEAR	4524	2189	1359	367	123	49	42	8653

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALIO	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.5	0	0.4	2.3	4.7	8.2	16.6	22.7	32.1	40.9	92	7.6

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010

1298 REBECCA ST OAKVILLE

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
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24																									
25																									
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	4	4	3	3	2	2	*****
27	2	1	1	1	2	2	2	4	4	2	1	1	1	1	1	2	3	3	2	2	1	1	1	1	2
28	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	2	3	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2
MEAN	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	3	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 11.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 88.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010

1298 REBECCA ST OAKVILLE

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	3	3	3	1	0	0	0	1	0	1	1	1	1	2	1	1	1
2	2	3	2	1	1	1	1	1	1	2	1	1	1	1	0	1	1	1	1	1	0	1	0	0	1
3	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1
4	3	3	3	3	3	3	3	3	3	2	2	***	***	1	1	***	1	1	1	1	1	1	1	1	1
5	1	1	1	1	2	2	2	4	4	2	3	2	3	2	2	2	1	2	1	1	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1	1
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
8	1	1	1	1	1	2	2	4	2	1	1	1	1	1	1	1	1	2	4	5	4	5	4	5	2
9	4	4	4	5	4	4	4	4	2	2	1	1	0	0	0	0	0	1	1	1	1	1	3	5	2
10	5	5	5	5	5	5	4	3	3	3	3	3	3	2	3	3	4	5	5	4	2	2	2	2	4
11	3	2	2	1	2	1	3	3	1	1	1	1	***	1	1	1	1	4	4	4	5	4	4	4	2
12	4	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	2	2	2	2	2	2	2	1
13	1	3	2	1	1	1	2	2	2	2	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1
14	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1
15	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	2	4	4	4	5	5	1	1
16	0	0	0	0	1	1	0	1	1	3	2	2	4	4	4	3	2	4	2	1	1	2	1	1	2
17	0	0	0	0	1	1	1	1	1	0	1	0	1	1	0	1	1	1	2	4	4	4	4	4	1
18	4	4	4	4	3	4	3	4	4	2	1	1	2	2	2	2	2	3	3	3	2	2	2	3	3
19	3	4	3	4	4	4	5	4	4	3	3	3	***	3	3	3	3	4	4	4	3	3	3	3	3
20	3	2	2	2	2	2	2	3	3	2	2	2	2	3	3	3	4	4	4	4	3	2	3	2	3
21	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1
22	1	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	3	2	1	2	1
23	3	3	2	2	2	2	2	3	3	2	2	1	1	1	1	1	2	3	3	3	4	4	3	3	2
24	4	3	2	2	1	2	2	3	2	2	2	2	2	***	1	1	1	1	1	1	1	1	1	1	2
25	0	0	0	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	2	3	2	4	7	1
26	26	7	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	1	1	0	1	5	2
27	15	12	5	7	7	7	2	2	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	0	3
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	3	7	1
29	5	4	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	16	15	2
31	11	0	0	0	0	0	1	1	2	2	2	1	1	0	1	1	1	1	3	1	2	2	1	0	1
MEAN	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	1.7

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	
2	0	0	0	0	0	0	1	2	2	2	1	1	0	0	0	1	1	1	2	3	4	3	2	2	1
3	2	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	1	1	1	1	1	0	1	-	1	1	1	1	1	1	1	1	1	1	5	1
7	2	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	2	1	0	0	0	1
8	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	1	1	1	1	2	1	1	0	0	1
9	0	0	0	0	0	0	3	3	5	4	4	2	2	1	1	2	1	1	2	11	19	24	7	3	4
10	4	4	4	3	3	3	4	4	3	3	3	2	3	2	2	2	2	2	2	2	2	2	1	2	3
11	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1
12	3	2	2	3	2	2	3	2	1	1	1	1	1	1	1	1	1	2	2	3	4	5	4	6	2
13	3	2	1	1	1	2	2	2	3	2	2	2	2	***	2	2	2	2	3	6	6	8	7	6	3
14	6	8	6	4	5	6	10	13	7	5	5	7	4	3	3	3	3	3	3	4	6	5	5	6	5
15	6	5	4	3	2	2	3	3	5	6	4	3	3	3	3	4	3	4	4	10	8	6	5	3	4
16	4	3	2	3	6	7	6	3	3	3	3	3	3	2	2	2	2	3	3	5	9	7	4	3	4
17	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1	1	1	3	6	8	6	10	30	4
18	23	22	18	11	6	5	5	5	2	2	2	0	0	0	0	0	0	0	0	0	1	2	1	0	4
19	1	1	0	0	0	1	2	1	1	1	0	1	1	0	0	0	0	0	0	1	1	3	7	15	2
20	5	0	0	0	0	0	0	1	1	1	0	0	1	1	1	3	3	2	2	7	11	25	21	8	4
21	7	6	7	8	3	2	2	1	1	1	1	1	****	****	2	2	2	2	5	13	16	12	4	2	5
22	2	2	5	4	3	3	2	4	4	3	3	3	3	2	2	3	3	3	5	4	9	2	2	6	3
23	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	11	8	10	4	4	3
24	4	3	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	2
25	1	1	1	1	1	1	2	3	5	4	4	1	3	3	3	2	3	4	3	2	2	2	1	1	2
26	0	0	0	0	0	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
27	1	1	1	1	1	2	4	2	2	1	2	2	1	1	1	1	2	1	2	2	2	1	1	1	2
28	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
29	2	1	1	1	2	4	6	5	3	3	3	2	4	****	****	****	****	****	****	****	****	****	****	****	****
30	****	****	****	****	****	****	****	****	****	****	****	****	2	1	1	2	2	2	3	2	2	3	7	5	****
MEAN	3	2	2	2	1	2	2	2	2	2	2	1	2	1	1	1	2	2	2	4	4	5	3	4	2.3

PERCENTAGE OF DATA VALID - 96.3

PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - MAY 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	24	7	2	3	4	6	4	5	2	2	3	2	2	2	2	2	2	2	2	4	4	3	3	5
2	5	10	4	3	1	2	2	2	3	3	2	2	1	2	2	1	2	2	2	2	2	2	2	1	3
3	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1	1	2	1	1
5	2	2	2	1	1	2	2	3	2	2	3	2	***	0	0	0	0	0	0	0	2	3	3	2	1
6	0	0	0	0	0	0	0	0	0	0	0	0	4	1	2	2	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	3	2	3	5	18	22	0	17	3
8	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	2	2	5	3	2	3	3	1
9	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1	1	2	5	17	21	23	17	4
10	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	4	3	5	5	5	3	3	4	2
11	0	0	0	0	0	0	2	1	2	2	2	1	1	1	2	1	2	1	1	1	1	1	1	1	1
12	0	0	0	1	1	1	1	0	0	0	0	0	1	2	1	2	1	2	2	5	5	6	5	4	2
13	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1	2	2	2	9	15	6	2
14	0	0	0	0	0	1	1	1	1	1	1	1	***	4	3	4	4	4	5	5	4	8	8	9	3
15	4	2	0	0	0	0	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	0	0	0	0	4	3	3	2	2	2	2	10	13	4	8	7	3
17	0	0	0	0	0	0	0	0	0	0	0	****	2	2	3	4	3	2	2	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	3	3	4	3	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	3	4	4	4	3	3	2	2	2	2	2	3	5	10	9	6	5	3
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	6	3	3	2
22	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	5	2	1
23	2	3	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	3	5	4	2	2	2
24	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	2	3	4	2	2	1
25	1	1	2	5	3	0	1	2	4	3	1	****	1	1	1	1	1	1	3	0	***	***	1	1	2
26	0	0	0	0	1	8	7	5	5	****	****	1	1	1	0	1	1	1	1	1	6	11	13	12	3
27	3	3	1	1	1	3	4	3	2	1	1	0	0	0	0	0	0	0	0	0	6	4	7	2	
28	8	5	2	5	8	14	15	3	2	3	2	****	1	1	1	1	1	1	1	1	3	3	1	1	4
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
30	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	2	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	3	4	5	4	4	1.9

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - JUN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	2	0	0	0	0	0	1	8	22	17	10	*****
2	11	7	6	3	4	6	8	6	4	1	1	0	0	0	0	0	0	0	0	3	18	15	10	13	5
3	9	9	6	5	5	8	11	8	5	3	2	1	3	2	1	2	2	2	1	5	22	30	20	14	7
4	4	2	1	1	2	3	5	1	1	1	1	****	1	1	1	1	1	1	1	2	11	9	1	8	3
5	10	12	17	10	6	6	6	6	5	6	4	2	1	1	1	1	1	1	1	4	14	15	10	13	6
6	9	8	6	4	3	4	6	3	2	3	1	1	2	1	2	1	1	2	2	3	2	1	1	1	3
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	11	17	12	4	3
8	4	3	3	1	1	3	5	4	3	3	2	2	2	2	2	2	3	3	5	10	9	7	6	5	4
9	5	4	6	5	4	6	10	7	6	4	3	3	3	2	1	1	1	2	3	3	3	3	5	7	4
10	7	9	3	2	3	3	4	4	3	4	3	3	2	2	3	3	3	3	4	4	6	4	4	4	4
11	3	2	2	2	2	3	4	4	4	3	3	3	3	3	3	2	1	1	1	2	2	2	2	2	2
12	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15														- DATA INVALID -											
16														- DATA INVALID -											
17														- DATA INVALID -											
18														- DATA INVALID -											
19														- DATA INVALID -											
20														- DATA INVALID -											
21														- DATA INVALID -											
22														- DATA INVALID -											
23														- DATA INVALID -											
24														- DATA INVALID -											
25														- DATA INVALID -											
26														- DATA INVALID -											
27														- DATA INVALID -											
28														- DATA INVALID -											
29	****	****	****	****	****	****	****	****	****	****	****	****	****	-	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	5	4	4	3	2	3	4	3	3	2	2	1	1	1	1	1	1	1	2	3	7	8	6	6	3.2

PERCENTAGE OF DATA VALID - 47.9

PERCENTAGE OF DATA INVALID - 51.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - JUL 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	0
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	16	12	2
5	7	8	4	4	4	6	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	7	6	4	3
6	3	4	3	3	4	5	8	6	5	3	2	1	0	0	0	0	0	1	1	1	1	5	7	5	3
7	3	5	4	2	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	2	0	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	0	0	0	1	2	3	2	2	1	1	****	0	0	0	0	0	0	0	0	0	1	5	3	1
10	4	7	7	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	2	4	1	1	1	1	2	2	2	2	2	3	2	2	2	1	1	1	1	0	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	0	1	1	****	1	1	1	1	1	1	1	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0
14	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	4	1
15	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
16	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1
19	0	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
20	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	6	3	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	2	2	1	1	1	2	****	1	1	1	1	1	1	1	1	4	3	5	3	1
24	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	2	2	1
26	1	1	1	1	2	7	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
27	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	0	1	0	0	1	4	3	2	1	1
28	1	0	0	0	0	1	7	4	3	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2
29	1	2	2	2	2	2	2	3	3	3	3	3	3	4	5	6	9	8	8	6	6	6	6	5	4
30	5	5	5	4	5	7	8	5	4	4	3	4	4	3	3	3	3	3	3	3	3	11	11	5	5
31	5	6	7	6	6	5	5	5	6	6	6	6	5	5	5	5	6	5	5	4	4	4	4	3	5
MEAN	1	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1.1

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - AUG 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	4	8	9	5	2	2
2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	14	10	6	2
3	1	1	0	0	2	7	14	7	3	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	2
4	0	0	0	1	2	1	3	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
6	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	1	8	10	5	2	1
7	3	5	1	0	0	2	3	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	3	2	1
9	1	1	1	1	1	2	4	4	4	3	2	2	****	2	1	1	1	1	1	5	5	3	2	1	2
10	1	1	1	1	1	3	5	1	1	1	-	1	1	1	1	0	0	0	0	1	3	15	3	3	2
11	1	1	1	2	2	3	3	5	3	2	1	****	1	1	1	1	1	1	0	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
13	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	3	1
14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
16	0	0	0	0	0	1	2	1	0	0	0	0	****	0	0	0	0	0	0	0	1	1	1	1	0
17	0	0	0	0	0	1	1	1	2	****	****	****	****	1	1	1	1	1	2	10	8	4	2	2	2
18	1	1	1	0	1	4	13	9	8	5	****	1	1	1	1	1	1	1	1	1	7	21	14	8	4
19	5	4	5	6	6	12	15	11	6	2	2	1	1	1	1	1	1	1	1	1	6	26	16	13	6
20	7	4	4	4	3	3	15	6	4	1	1	****	2	1	1	1	1	1	1	2	1	1	1	1	3
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	6	3	3	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
23	2	1	1	1	1	2	3	2	2	2	1	1	1	2	2	2	1	1	1	3	2	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	14	17	11	10	3
25	6	4	3	3	4	8	14	16	9	2	1	1	2	1	1	1	1	1	1	3	19	17	16	11	6
26	5	5	3	3	6	10	15	21	13	5	4	3	2	2	2	2	2	2	2	2	2	3	2	2	5
27	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	2
28	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	2	2	2	2	3	4	3
29	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
30	0	0	0	0	0	2	5	2	0	0	0	0	0	****	0	0	0	0	1	2	1	3	6	16	2
31	5	3	2	2	2	4	13	9	8	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
MEAN	2	2	1	1	1	3	5	4	3	2	1	1	1	1	1	1	1	1	1	2	4	6	4	3	2.1

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - SEP 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	2	2	2	6	2	2	3	****	2	2	1	1	2	2	1	1	1	2	3	1	2
2	1	1	1	0	1	1	2	5	8	6	2	0	0	0	0	0	0	0	0	0	22	35	30	28	6
3	12	8	10	5	6	7	18	20	5	2	2	1	1	1	0	0	0	0	0	0	1	1	1	1	4
4	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	6	1	0	0	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
6	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	1	1	2	10	9	3	3	6	2
7	7	3	2	1	5	10	12	3	1	2	2	1	1	1	0	1	1	1	1	1	1	1	1	1	3
8	1	1	1	1	1	3	19	27	2	2	1	1	1	1	1	1	1	1	1	1	1	5	4	2	3
9	2	2	3	2	2	5	11	4	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	3
10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1
11	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	2	7	9	3	13	23	3
12	14	7	5	4	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	3
13	0	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1
14	1	1	2	1	1	2	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	5	8	4	2	2	2	1	****	****	1	1	1	1	2	7	5	3	2	3	3
16	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	6	6	2
18	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	3	1	1	1	1	1
19	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	****	0	1	1	1	0	0
20	1	1	0	0	0	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	0	0	1
21	1	1	1	1	1	3	7	7	2	1	1	0	0	0	0	1	1	3	1	1	1	1	1	1	2
22	0	0	0	0	1	1	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	4	5	1
23	7	4	10	11	8	4	0	1	1	1	1	1	0	0	0	0	0	0	1	1	2	2	1	0	2
24	0	0	0	0	1	3	11	6	1	1	1	****	1	1	1	1	1	1	1	4	9	5	4	8	3
25	6	3	2	4	3	1	1	1	1	1	1	1	0	0	0	0	0	1	6	1	1	1	1	2	2
26	3	2	2	1	2	2	2	1	2	1	1	1	1	1	1	1	1	2	5	2	2	1	1	1	2
27	0	1	1	1	1	1	5	6	5	3	2	1	1	1	1	1	1	1	2	13	7	6	1	1	3
28	1	0	0	0	0	1	3	4	3	1	1	2	1	1	1	1	1	1	5	7	4	5	4	3	2
29	2	1	0	0	0	1	2	4	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
30	1	1	1	1	1	3	8	10	6	3	3	1	1	1	1	1	1	1	4	15	26	19	10	9	5
MEAN	2	2	2	1	2	2	4	2	2	2	1	1	1	1	1	1	1	1	2	3	4	4	3	4	2.1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - C NO 44010 1298 REBECCA ST OAKVILLE												MONTH - OCT 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	6	5	2	1	4	6	7	3	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2
2	1	3	6	6	4	7	7	10	8	5	3	2	1	1	1	1	1	1	1	1	3	19	14	18	5
3	22	18	5	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	3	17	16	12	12	13	6
4	15	8	10	8	6	10	25	35	18	3	3	1	1	1	1	1	1	1	2	6	8	6	8	8	8
5	9	7	8	7	8	15	33	34	22	2	2	1	1	1	2	1	1	1	1	2	6	17	19	19	9
6	7	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	3	3	1	1	1	2
7	0	0	0	0	0	0	1	1	1	1	1	****	1	1	2	1	2	2	8	7	5	3	1	0	2
8	0	0	0	0	0	1	3	4	5	4	4	5	6	5	4	4	4	5	6	4	3	3	3	2	3
9	0	0	1	0	1	0	1	1	2	2	2	1	1	1	1	2	1	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	17	13	5	1	1	2
11	0	0	0	0	0	1	1	2	1	0	1	0	0	0	0	0	0	0	0	0	17	43	32	20	5
12	17	9	6	7	11	16	27	34	22	3	2	1	1	1	2	1	1	1	1	7	2	2	1	1	7
13	1	1	1	1	1	2	2	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	5	7	2	0	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	1	0	1
18	****	****	****	****	****	4	7	6	1	0	1	1	1	0	1	1	1	2	2	2	2	9	9	3	3
19	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1
20	0	0	1	3	2	2	4	7	9	10	10	8	4	1	1	2	3	13	16	7	3	2	1	1	5
21	0	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	2	1	1	1	1	1	0	1
22	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	3	16	24	33	37	20	18	11	7
24	12	4	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2
25	2	1	1	1	1	1	3	5	7	8	7	6	6	4	2	2	3	3	2	2	2	5	5	3	3
26	2	1	1	1	1	1	5	7	4	4	3	1	1	1	2	2	2	2	2	1	2	2	1	2	2
27	1	1	1	0	0	1	3	4	4	2	1	****	1	1	1	1	1	2	2	3	7	5	4	1	2
28	1	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
29	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	2	6	8	3	2	2	1	1	2
30	1	2	3	2	1	2	3	3	2	3	3	3	3	2	2	2	3	4	11	7	4	2	2	1	3
31	2	2	7	7	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	6	11	10	3
MEAN	4	3	2	2	2	2	5	6	4	2	2	2	1	1	1	1	1	2	3	4	5	6	5	4	3.0

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - C NO 44010 1298 REBECCA ST OAKVILLE												MONTH - NOV 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	0	0	1	4	9	8	2	1	1	1	1	1	1	1	6	20	22	19	11	9	10	6
2	5	2	2	3	4	14	26	54	22	6	4	2	2	1	2	1	1	1	1	1	1	1	1	3	7
3	7	3	2	1	1	2	4	16	9	2	2	1	1	1	1	1	2	7	17	25	30	29	30	31	9
4	27	20	16	0	0	2	11	23	36	15	2	1	1	1	1	1	1	2	1	1	1	4	4	1	7
5	2	1	1	2	1	1	1	5	8	3	2	2	2	2	1	1	2	2	2	5	4	2	3	2	2
6	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	5	1	2	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	0	19	17	1	0	1	2	1	1	0	0	1	1	1	1	2	2	2	5	5	6	4	3	3
9	4	2	2	1	4	5	2	1	1	1	1	2	2	3	2	2	3	8	10	9	12	8	7	8	4
10	5	3	2	3	2	2	5	12	17	5	2	2	2	2	2	2	3	5	3	7	6	2	2	2	4
11	2	2	1	1	2	3	9	14	10	2	2	1	1	1	2	1	2	3	4	5	5	4	2	1	3
12	1	1	1	1	2	2	3	8	8	3	2	1	1	1	1	1	1	2	4	4	2	1	1	1	2
13	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	7	31	47	26	12	4	2	6
15	2	1	3	3	3	4	5	6	9	3	2	1	1	****	1	1	3	12	21	33	35	20	8	10	8
16	10	6	4	4	3	2	3	6	5	4	2	****	1	1	1	1	2	3	3	4	2	1	2	3	3
17	2	3	3	3	4	7	8	7	6	5	2	2	2	1	1	2	1	1	2	1	1	3	1	1	3
18	1	1	1	2	2	3	4	6	8	2	1	1	****	1	1	1	2	2	1	2	1	1	1	1	2
19	1	1	1	1	1	1	2	3	4	2	1	1	****	1	1	1	2	2	2	2	2	1	1	1	2
20	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
22	0	0	0	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	1	1	2	3	1	1	1	1	1	1	2	3	6	9	11	9	7	3	1	3
25	1	1	1	1	1	1	1	2	4	2	1	1	2	5	8	4	2	2	1	3	4	1	1	1	2
26	1	9	20	18	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	1	1	3
27	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
MEAN	3	2	3	2	1	2	3	6	6	2	1	1	1	1	1	1	2	3	5	7	6	4	3	3	3.1

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - C NO 44010 1298 REBECCA ST OAKVILLE											MONTH - OEC 76														
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	1	1	1	3	5	6	2	3	1	1	1	1	1	1	2	2	2	2	2	2	1	
2	1	1	1	1	1	1	1	2	1	1	1	1	****	1	1	1	2	3	3	4	3	4	2	1	2
3	1	1	1	1	1	2	4	9	17	8	5	4	4	2	2	2	4	5	3	3	2	3	4	1	4
4	1	1	1	1	1	1	1	1	1	1	3	7	6	4	3	3	8	9	3	3	3	3	1	1	3
5	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	2	3	3	3	11	16	20	22	19	5
6	11	8	8	4	1	1	1	1	1	1	2	2	2	2	****	2	1	2	5	6	3	1	1	1	3
7	2	2	2	2	2	2	4	3	2	2	2	2	1	1	1	1	2	3	3	3	2	2	3	2	2
8	1	1	1	1	1	1	2	2	3	3	3	3	****	3	3	2	3	3	3	2	2	2	2	1	2
9	1	1	1	1	1	1	1	2	5	3	4	5	8	11	18	19	18	23	18	1	2	2	1	1	6
10	1	13	17	16	15	17	5	2	2	2	2	2	3	3	2	3	3	3	2	2	2	1	1	1	5
11	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1
12	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	1
13	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	5	2	4	4	6	4	3	1
14	1	1	1	1	1	1	1	2	2	1	1	2	****	2	3	3	3	3	3	3	3	3	3	2	2
15	1	1	1	1	2	2	3	6	8	3	2	2	2	2	3	5	9	22	43	68	55	29	26	23	13
16	29	31	29	19	16	13	12	13	16	18	18	17	14	15	19	15	18	19	16	14	18	5	2	2	16
17	2	1	1	1	2	2	1	3	4	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	2
18	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
19	2	7	27	26	15	12	11	11	11	12	5	3	3	3	2	3	5	12	21	11	20	48	68	61	17
20	46	21	12	5	4	2	4	23	14	15	3	4	3	2	1	2	2	2	2	2	2	2	2	2	7
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	5	6	2	1	2
22	2	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	1	2	1	1	1	1	1	2	2
23	1	1	1	1	1	1	1	3	3	2	1	2	2	2	2	3	3	4	4	2	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	0	0	1	1	3	2	1	1
25	1	1	1	3	2	1	1	1	1	2	2	2	1	1	1	1	2	1	1	1	2	2	2	1	1
26	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
27	1	1	2	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	3	5	8	11	2
28	10	0	0	0	0	1	2	2	0	0	0	5	8	7	6	5	3	2	3	5	4	6	6	6	3
29	10	9	8	5	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	2	4	5	4	2	2	4	2	****	2	6	15	22	8	2	2	1	1	4
31	1	1	1	0	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	4	2	1	1	1
MEAN	4	4	4	3	2	2	2	4	4	3	3	3	3	3	3	3	4	5	6	5	5	5	6	5	3.8

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	3	1.8	2	4
MAR	31	1.7	4	26
APR	28	2.3	5	30
MAY	30	1.9	5	24
JUN	13	3.2	7	30
JUL	31	1.5	5	16
AUG	31	2.1	6	26
SEP	30	2.1	6	35
OCT	31	3.0	9	43
NOV	30	3.1	9	54
DEC	31	3.8	17	68
YEAR	289	2.4	17	68

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	80	0	0	0	0	0	0	80
MAR	724	7	6	1	0	0	0	738
APR	632	44	11	6	0	0	0	693
MAY	684	23	12	4	0	0	0	723
JUN	285	40	17	3	0	0	0	345
JUL	701	34	4	0	0	0	0	739
AUG	674	31	24	3	0	0	0	732
SEP	655	40	13	6	1	0	0	715
OCT	629	61	31	6	7	1	0	735
NOV	632	43	22	11	5	1	1	715
DEC	639	30	48	14	1	3	4	739
YEAR	6335	353	188	54	14	5	5	6954

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86.5	0	0.0	0.3	0.8	1.6	4.6	7.9	16.0	21.1	68	2.4

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - JAN 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	
2	0	1	0	0	0	0	1	3	4	4	4	1	1	2	1	1	1	0	0	1	1	0	0	1	1
3	1	2	2	2	2	2	2	4	4	4	6	8	10	12	5	2	2	2	2	2	1	1	1	1	3
4	1	1	2	1	1	0	0	0	1	1	1	1	1	1	2	1	0	0	0	0	1	1	0	0	1
5	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	1	2	0	0	0	1	
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	****	1	1	2	3	2	1	0	1
7	1	1	1	0	0	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1
8	1	1	0	0	0	0	1	1	1	1	4	2	2	1	1	2	1	1	1	0	0	0	0	1	
9	1	1	5	5	0	0	0	1	1	1	1	1	2	2	2	1	2	1	1	1	1	0	1	1	1
10	1	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	2	4	5	21	27	36	40	50	8
11	26	8	3	8	4	1	1	1	2	2	1	1	1	2	2	2	2	1	1	1	1	0	1	0	3
12	0	0	0	0	0	0	0	1	2	1	1	2	2	2	1	1	1	1	1	1	10	9	5	1	2
13	1	1	0	0	0	0	1	1	2	3	3	3	4	5	3	3	4	4	5	5	4	2	3	1	2
14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	
15	1	1	0	1	0	0	1	1	2	****	1	1	1	1	1	2	2	2	4	4	4	3	4	1	1
16	1	1	1	1	0	0	1	1	1	1	1	2	4	3	4	5	9	11	3	2	2	1	1	2	
17	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	1	
18	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	
19	1	1	1	10	5	3	2	10	14	14	9	7	6	4	4	4	4	2	1	4	6	5	6	5	5
20	5	6	6	6	8	9	13	14	15	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	4
21	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	3	3	3	2	2	3	5	3	1	2
22	1	1	1	1	1	1	1	2	2	1	2	1	2	2	2	2	2	2	2	1	1	1	1	2	1
23	1	1	1	1	1	1	1	1	1	1	1	1	3	2	****	****	2	1	1	2	2	3	3	3	2
24	3	5	2	13	18	14	4	4	5	3	4	3	3	4	4	2	3	3	2	1	1	2	3	2	5
25	2	2	2	1	1	2	3	4	4	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	2
26	1	1	1	1	1	1	2	6	2	2	2	3	4	4	10	16	23	16	27	48	49	35	26	14	
27	3	2	2	1	1	1	1	1	1	-	2	2	2	2	2	2	2	2	1	1	1	1	1	1	12
28	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	1	1	1	2	3	3	2
31	3	3	3	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	1	3	3	3	1	2
MEAN	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	4	4	4	4	3	2.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - FEB 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	4	2	2	2	2	9	6	2	
2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	
4	0	0	1	1	1	2	7	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	
5	2	1	1	1	1	1	1	3	3	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	
6	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	4	2	2	1	1	2	
7	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	
8	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	1	1	
9	1	3	1	2	1	1	1	1	2	2	2	2	2	-	***	1	2	2	1	1	1	1	1	1	
10	1	1	1	1	1	1	1	2	2	2	2	2	4	6	5	3	3	3	3	7	4	3	6	2	
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	
12	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	
13	1	2	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	
14	0	2	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	0	0	1	
15	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	1	
16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
17	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	***	1	1	1	2	1	1	2	1	1	1	1	2	2	1	1	1	2	2	1	2	1	1	2	
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	4	5	1	0	0	1	
21	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	
23	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	1	1	1	1	2	2	3	3	2	3	2	2	2	2	12	7	2	
25	4	9	3	3	4	9	27	41	51	16	16	6	5	4	5	7	4	***	***	9	16	7	5	12	
26	8	12	12	7	4	8	12	21	14	5	7	3	4	3	4	4	3	2	3	4	3	4	4	5	
27	2	2	2	2	1	1	1	2	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	3	1	
29	1	1	1	1	1	1	1	1	1	1	2	2	2	4	3	6	6	2	2	2	2	2	1	2	
MEAN	1	2	1	1	1	1	2	3	4	2	2	2	2	2	2	2	2	1	2	2	2	1	2	1.8	

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - MAR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	0	1	2	3	3	2	2	2	2	2	2	1	2	3	3	2	2	1
4	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	1	1	1	2	2	2	2	2	2
5	3	3	2	2	2	2	2	2	2	***	-	4	4	4	4	3	3	2	2	2	2	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1
9	1	1	1	3	4	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
10	3	3	1	1	1	1	1	1	1	1	2	2	3	3	2	2	3	3	2	2	1	2	2	2	2
11	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2
12	5	5	3	3	4	0	12	28	17	4	1	1	1	1	1	1	1	2	1	1	1	2	2	2	4
13	2	2	2	2	2	2	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
16	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	-	0	0	0	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	1	1	1	2	1	3	3	3	3	3	3	3	2	2	3	4	4	7	6	2
20	5	7	7	8	8	10	12	13	4	4	5	5	5	4	4	3	3	3	3	2	2	2	2	2	5
21	2	2	2	2	2	2	2	3	3	4	4	3	3	3	2	2	2	2	2	1	1	1	1	1	2
22	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1
23	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	3	4	22	22	11	10	4
25	3	1	1	1	1	1	1	3	4	***	6	6	6	5	5	5	4	3	2	1	1	1	2	1	3
26	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	3	1	1	1	1	2	2	2	3	3	3	3	3	3	3	2	3	2	2	3	3	3	3	2	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	3	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2
31	2	2	2	2	3	3	5	5	7	6	6	6	6	6	6	4	4	4	4	6	10	6	7	5	5
MEAN	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - APR 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	5	7	6	5	4	4	4	4	4	3	4	3	4	4	5	7	4	4	4
2	3	4	3	2	7	8	9	10	5	4	4	4	3	3	3	2	2	***	2	2	2	2	2	2	4
3	2	2	1	2	2	2	2	2	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	2
4	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
6	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	3	4	2	0	0	1
9	1	1	3	4	3	3	3	1	0	0	0	0	1	0	1	1	1	1	2	3	5	2	1	1	2
10	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
13	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	4	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	3
17	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3
19	2	2	2	2	2	2	2	2	2	3	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2
20	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
21	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	3	4	5	3	4	4	4	3	3	3	2	2	2	2	2	2	2	2	3
23	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	2	2	1	2	2	2
24	3	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1
25	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	3	3	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	2
29	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	1	1	2
30	1	1	1	1	1	1	2	2	1	1	1	2	1	1	2	2	2	2	2	2	2	1	1	1	1
MEAN	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION											
STATION - SE NO 56D51 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - MAY 76											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	1	1	1	2
3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
7	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2	2	2
8	2	1	1	1	1	1	2	2	2	1	1	1	2	1	1	1	2	2	2	2	1	1	1	1	1
9	2	2	2	1	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1
11	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	2	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3
15	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	6	5	3	2	2
16	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
17	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	1	1	1	1	2	2	2	2	-	-	2	2	2	3	3	3	3	3	3	2	2	2	2
19	1	2	1	1	1	1	1	3	2	3	2	3	2	3	3	3	2	3	3	4	2	2	2	1	2
20	2	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	3	2	3	3	5	3	3	2
21	4	2	2	2	2	2	2	2	2	3	3	4	2	2	2	3	2	2	2	2	2	2	2	2	2
22	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	2	2	1	1	1	2
23	1	2	1	1	1	2	1	1	1	1	1	1	1	1	2	3	2	2	3	2	2	1	2	1	2
24	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
25	3	3	3	3	2	3	3	3	3	2	3	2	1	2	2	2	2	1	2	3	6	6	7	4	3
26	6	3	5	6	6	3	3	3	3	3	3	3	3	3	1	2	2	2	2	2	2	1	1	2	3
27	2	2	2	2	2	2	2	3	2	3	3	3	3	2	1	3	2	2	2	2	2	2	1	2	3
28	2	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
30	4	3	3	3	3	3	3	2	3	3	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3
31	3	3	3	3	3	3	4	3	3	3	4	4	-	-	2	3	4	5	4	4	4	4	3	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT											UNITS - 0.01 PARTS/MILLION														
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL											MONTH - JUN 76														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	4	4	5	5	5	6	7	*****
8	7	7	7	6	6	6	7	7	7	7	7	7	8	5	4	6	6	6	6	6	6	6	7	6	6
9	7	4	5	4	5	4	5	5	4	4	4	4	4	3	3	3	3	3	3	4	3	3	4	4	4
10	3	4	3	3	4	4	4	5	4	5	5	5	5	3	3	3	4	3	3	3	3	2	2	3	4
11	2	2	2	2	2	2	3	3	1	5	5	5	5	5	5	4	4	4	5	5	3	3	3	2	3
12	2	2	2	1	1	1	2	2	2	1	2	1	2	1	1	2	2	2	2	2	4	3	3	2	2
13	4	2	2	2	2	3	2	2	2	3	3	3	3	3	3	4	4	4	5	5	4	4	4	3	3
14	5	3	3	3	3	3	3	4	4	3	4	4	5	5	5	5	4	4	4	4	4	4	4	4	4
15	3	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4	5	5	5	6	8	9	5
16	9	9	9	8	8	7	8	7	8	8	8	8	9	9	9	6	6	5	5	5	6	6	6	6	7
17	6	5	5	5	5	5	6	5	5	5	5	4	5	4	4	4	4	5	4	4	5	4	4	4	5
18	4	3	4	3	3	3	3	4	4	*****	2	3	4	4	4	4	4	4	5	5	5	5	5	5	4
19	6	6	6	6	6	7	8	8	8	7	6	6	6	6	5	6	7	7	9	8	7	7	9	8	7
20	6	6	7	8	8	7	7	7	7	7	7	8	9	8	9	9	8	8	8	8	8	8	8	8	8
21	8	7	7	7	7	7	8	9	****	5	6	6	6	6	6	6	6	6	7	8	7	8	8	8	7
22	8	8	8	8	8	9	11	11	9	8	8	8	9	9	****	9	9	8	7	7	7	7	7	6	8
23	6	5	6	6	6	6	7	7	8	9	10	10	10	9	7	8	8	7	7	7	7	8	8	8	8
24	7	7	7	7	7	8	7	7	7	8	8	7	7	7	****	6	7	6	6	6	7	7	7	7	7
25	8	8	8	9	9	9	9	10	****	****	10	11	11	11	11	11	11	11	11	11	10	8	8	8	10
26	7	8	8	8	8	8	9	9	8	8	8	7	5	4	4	5	5	6	7	7	7	7	7	9	7
27	9	11	12	12	10	8	5	4	4	4	4	4	3	3	3	3	3	4	4	4	4	3	3	3	5
28	2	2	2	2	2	2	3	3	3	4	5	5	4	3	3	****	4	4	4	4	4	5	4	4	5
29	5	5	5	5	4	4	4	4	4	4	****	4	4	4	5	4	4	4	4	4	6	6	8	8	5
30	6	6	6	5	5	5	4	4	4	5	5	5	6	7	****	7	7	8	9	10	10	7	7	6	6
MEAN	6	5	6	5	5	5	6	6	5	5	6	6	6	5	5	5	5	5	6	6	6	6	6	6	5.5

PERCENTAGE OF DATA VALID - 76.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 22.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - JUL 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	6	7	6	6	6	6	6	6	6	6	5	5	4	3	3	4	4	4	5	5	6	6	5
2	6	5	5	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4
3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	4	5	4	9	6	4
4	5	5	4	4	3	3	4	4	5	5	6	6	6	6	5	5	5	4	4	4	4	5	5	5	5
5	5	5	5	5	6	5	6	7	8	9	8	9	8	7	****	5	5	5	5	5	5	5	5	5	6
6	6	6	6	5	5	5	5	6	6	7	6	6	5	5	4	4	4	3	3	3	2	3	3	4	5
7	4	4	4	4	5	6	6	6	6	6	6	5	5	4	****	4	4	4	5	5	5	5	5	5	5
8	5	5	5	5	5	6	6	6	6	7	7	7	6	****	****	5	5	5	6	5	5	5	5	5	6
9	5	5	5	5	5	4	3	3	3	3	3	2	2	-	2	2	2	2	2	2	2	3	2	3	3
10	3	3	2	2	2	2	2	2	3	4	3	3	2	3	3	3	3	4	4	4	4	4	4	4	3
11	5	6	6	6	6	6	7	8	8	9	9	10	10	10	10	10	10	10	11	12	12	11	9	9	9
12	9	8	6	6	5	4	4	4	****	4	4	4	3	3	3	3	2	2	2	2	3	2	2	2	4
13	2	2	2	2	2	2	3	3	3	3	3	3	3	4	6	7	6	6	6	5	4	4	4	4	4
14	4	4	4	4	3	3	4	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
15	4	4	5	4	3	3	3	2	3	3	3	3	3	****	2	3	2	3	3	3	3	4	3	3	3
16	3	3	3	3	3	3	3	3	3	****	****	****	6	6	6	6	7	7	7	6	7	7	6	6	5
17	6	5	5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	3	3	3	4	5	4	****	3	3	2	2	2	3	3	3	3	3
20	3	3	3	3	2	2	2	2	2	3	3	3	2	2	2	2	3	3	2	2	2	3	3	4	3
21	5	5	5	6	5	5	5	4	2	1	1	1	1	1	1	1	0	0	0	1	1	2	2	3	2
22	4	2	1	1	0	1	1	1	1	1	0	0	0	0	****	1	0	0	0	0	1	1	0	0	1
23	0	1	0	1	1	1	1	1	****	****	****	2	2	2	2	2	1	1	2	2	1	2	2	2	1
24	2	3	2	2	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	2	2	2	1
25	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1
26	1	1	1	1	1	1	1	1	****	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1
27	2	3	4	4	5	4	4	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	3
28	1	1	1	1	1	1	1	1	1	1	1	1	2	****	1	1	2	1	2	2	3	5	5	4	2
29	2	2	2	1	6	5	4	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	3
30	2	2	2	2	2	2	2	2	-	2	3	3	3	3	3	4	4	3	3	3	3	3	4	8	3
31	3	3	3	3	3	3	3	3	3	3	3	4	3	3	4	3	3	3	3	3	3	3	3	3	3
MEAN	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	3.4

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRO ST., CORNWALL

MONTH - AUG 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	2	3	3	1	1	1	2	2	2	2	2	2	2	2	2	2
2	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	2	1	1	1
6	2	2	2	2	1	1	1	****	****	****	3	2	2	2	2	2	1	1	1	2	3	2	2	2	2
7	2	2	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	4	4	4	4	2
8	4	4	4	4	4	4	4	4	5	5	5	6	6	6	6	6	7	7	7	8	8	7	7	7	6
9	6	6	5	5	5	6	7	8	****	****	6	5	4	3	3	3	4	3	4	4	5	6	7	4	5
10	5	7	5	5	4	4	3	3	3	3	3	3	1	****	****	2	2	2	3	3	4	4	5	5	4
11	4	3	2	2	2	2	2	2	2	3	4	4	3	2	3	3	2	3	2	3	3	4	4	4	3
12	3	3	3	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3
13	4	4	3	3	3	3	3	3	****	****	3	3	4	4	5	6	7	7	7	8	9	8	8	5	5
14	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	8	7	6	7	7	9	8	8	8
15	7	7	6	6	5	4	3	3	3	4	4	4	4	4	4	4	3	3	3	3	2	2	2	2	4
16	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	4	8	14	12	3
18	5	2	2	2	4	10	9	6	2	2	1	1	1	1	1	1	1	1	1	2	3	14	3	1	3
19	1	4	3	2	11	12	5	1	****	1	1	1	1	1	1	2	2	2	****	****	****	****	****	****	3
20	****	****	****	****	****	****	****	****	****	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	****
21	2	2	2	2	2	2	2	2	2	3	3	3	4	4	5	5	6	6	6	6	6	5	4	4	4
22	4	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	2	2	3	3	2	2	2	3
23	2	3	3	3	3	4	4	3	3	3	3	3	3	****	****	2	2	2	2	2	2	1	1	1	3
24	1	1	1	1	1	2	4	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1
26	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	5	6	7	8	8	3
27	7	6	5	5	5	5	6	6	5	6	6	6	****	****	****	7	8	7	6	5	5	5	5	5	6
28	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4
29	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
30	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
31	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	4	4	3	2.8

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT														UNITS - 0.01 PARTS/MILLION										
	STATION - SE NO 56051					MEMORIAL PARK YORK/THIRO ST., CORNWALL										MONTH - SEP 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1		1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	2	1	1	2
2	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	2	9	12	11	5	2	3
3	1	1	1	1	0	1	1	1	1	1	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	4	4	4	4	4	5	6	6	6	3
5	5	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	6	7	11	13	3
8	23	21	13	8	6	3	3	3	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	4
9	6	9	10	10	7	7	9	6	2	2	2	2	1	2	1	1	2	2	3	3	2	3	5	4	4
10	3	2	1	1	2	3	4	7	6	2	3	3	3	3	3	3	3	3	3	3	2	2	2	1	3
11	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1	2	2	1
12	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	4	6	6	4	3	2	2
13	2	2	2	2	2	2	2	3	2	3	3	3	2	2	2	2	1	1	2	2	2	3	4	4	3
14	3	2	3	3	3	2	2	2	2	2	3	3	4	2	2	2	2	2	2	2	3	3	3	3	3
15	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	***	3	3	3	3	3	3	1	1	2
16	1	1	1	1	1	2	2	3	2	2	2	2	2	3	2	2	2	3	3	3	3	5	5	4	2
17	4	4	4	3	3	6	8	8	5	3	3	3	4	4	6	6	5	4	4	4	4	4	4	3	4
18	3	3	3	4	3	3	4	4	3	3	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2
19	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	1	0	0	0	0	0	1
21	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	0	0	2	6	15	6	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
24	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	4	7	10	10	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1
27	0	0	0	0	0	0	1	2	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
30	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2	2	1	0	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	1.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT															UNITS - 0.01 PARTS/MILLION										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL															MONTH - OCT 76										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	2	1	1	3	6	5	****	****	2	2	2	2	2	2	2	3	10	18	34	27	27	18	8
2	13	17	20	9	6	6	2	3	7	3	2	2	2	2	2	2	2	3	4	7	12	22	18	5	7
3	5	2	3	11	9	5	-	-	-	-	-	-	-	-	****	1	1	1	3	12	19	14	17	17	*****
4	1	1	1	1	1	1	3	2	****	1	1	1	1	1	1	1	1	2	5	6	8	12	12	13	3
5	11	8	7	8	8	7	9	11	8	2	2	2	2	2	2	2	2	2	4	5	10	6	2	2	5
6	1	1	1	2	5	9	8	12	4	2	3	2	3	3	3	3	3	3	3	3	2	2	2	2	3
7	3	3	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	****	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	2	6	8	20	24	0	0	3
12	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	6	7	2	1	0	0	0	1
13	0	0	0	0	0	0	8	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	***	0	0	0	0
15	0	0	0	0	0	0	4	5	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
19	0	0	0	0	0	1	4	2	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	3	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1
21	1	0	0	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	0	0	0	0	0	1
22	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	2	3	2	2	3	6	1
24	10	15	19	16	8	9	9	9	3	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	5
25	0	0	0	0	1	1	1	****	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1
26	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3	0	0
27	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0
28	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
31	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	4	4	3	2	1.8

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - NOV 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	2	1	1	1	2	1	1
2	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	1	0	1	0	1	1	1	1	1
3	1	0	0	0	0	1	1	3	3	1	1	1	1	0	1	2	2	1	1	1	2	2	3	4	1
4	2	3	4	2	3	3	3	4	4	3	3	3	3	2	3	6	6	5	6	8	4	3	2	1	4
5	1	1	1	1	1	1	2	2	3	2	3	****	****	****	****	****	****	****	****	****	****	5	3	2	****
6	3	4	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1
10	1	1	1	1	1	1	2	2	3	4	4	4	4	4	4	5	9	12	9	2	1	1	1	1	3
11	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	2	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	3	1	1	0	1	1	1
13	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1
14	0	1	0	1	1	1	1	0	0	1	1	1	0	1	1	1	0	0	1	0	0	0	0	0	1
15	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	3	6	14	12	5	1	1	2
16	1	0	0	0	0	1	1	1	****	-	-	-	1	1	1	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	2	1	1	1	0	0	0	1
18	0	0	0	0	0	0	0	1	1	2	1	2	2	2	2	2	2	1	1	0	0	0	0	1	1
19	0	0	0	0	0	0	****	1	0	1	2	2	1	1	1	1	3	1	2	2	0	0	0	0	1
20	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	2	1	1	1	1	1	1	1	0	1
24	0	0	0	0	0	0	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	3	4	3	7	16	4	2	2	2	2	2	3	3	3	3	3	3	3
27	3	3	3	2	2	2	2	2	3	2	2	2	3	3	3	2	2	2	2	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
30	0	0	0	0	0	0	1	1	1	****	****	****	****	1	1	1	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - DEC 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	****	1	1	1	1	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	2	1	1	2	1	1	1	2	1	1	1	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
4	1	3	8	5	7	6	4	1	2	1	1	1	1	1	1	3	3	4	4	3	2	2	3	3	3
5	3	3	2	2	2	2	1	3	2	3	1	1	2	1	1	1	0	0	1	1	1	1	1	0	1
6	1	1	3	3	1	3	2	5	****	****	2	2	1	2	2	2	2	2	4	3	1	1	1	1	2
7	1	1	1	1	1	1	1	2	4	2	1	1	3	3	4	1	1	1	1	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	1	0	1	1	0	0	1	0	0
9	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	2	1	1	5	4	3	4	5	1
10	2	0	0	0	0	0	0	1	1	3	4	5	5	5	6	7	8	9	9	2	2	2	1	2	3
11	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	3	3	1	1	1	0	1	0	1
12	0	0	1	0	0	1	0	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1
13	0	0	0	0	0	0	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
14	0	0	0	0	****	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1
15	2	1	1	1	1	2	1	2	2	2	2	2	1	1	2	1	1	1	3	5	2	4	1	1	2
16	3	1	1	1	1	1	1	2	2	3	****	6	6	5	5	4	3	4	5	9	6	5	8	6	4
17	5	3	3	3	2	2	5	4	****	-	2	4	2	2	3	3	4	4	3	3	2	2	1	1	3
18	1	1	1	1	1	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
19	1	1	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	4	3	3	3	3	2	1
20	3	3	3	2	2	1	1	1	****	1	2	2	6	5	5	5	5	6	5	1	1	1	1	1	1
21	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
22	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	2	2	2	3	4	7	9	2
23	0	1	1	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	6	9	13	1	1	2
25	3	2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
26	0	0	0	0	0	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	1	0	4	6	6	5	3	2	2	2	2	2	2	2	1	2	3	4	4	1	1	0	2	2
29	1	0	0	0	0	0	0	0	1	2	2	3	3	4	3	4	4	5	5	3	2	2	3	2	2
30	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	0	1	1	1	1	1	****	1	1	1	2	2	1	1	1	1	1	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1.4

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.4	12	50
FEB	29	1.8	12	51
MAR	31	1.8	5	28
APR	30	1.7	4	10
MAY	31	1.9	3	7
JUN	23	5.5	10	12
JUL	31	3.4	9	12
AUG	30	2.8	8	14
SEP	30	1.9	4	23
OCT	30	1.8	8	34
NOV	29	1.2	4	16
DEC	31	1.4	4	13
YEAR	356	2.3	12	51

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	692	22	13	6	3	3	0	739
FEB	659	20	8	2	0	1	1	691
MAR	708	22	5	3	0	0	0	738
APR	708	7	0	0	0	0	0	715
MAY	731	7	0	0	0	0	0	738
JUN	298	240	14	0	0	0	0	552
JUL	623	97	4	0	0	0	0	724
AUG	622	84	5	0	0	0	0	711
SEP	676	30	6	2	0	0	0	714
OCT	659	32	23	4	1	0	0	719
NOV	686	8	4	0	0	0	0	698
DEC	711	22	1	0	0	0	0	734
YEAR	7773	591	83	17	4	4	1	8473

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

96.5

0

0.0

0.4

1.0

1.9

4.5

6.4

8.6

11.1

51

2.3



## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - JAN 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	7	4	1	1	1	1	1	1	1
2	1	0	0	0	0	0	0	1	1	1	2	2	2	2	3	3	3	3	2	2	1	2	4	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	0	1	0	1	1	8	14	20	10	3	3	4	****	1	3	2	0	1	1	1	0	0	0	3
6	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1	1	0	0	1
7	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	2	3	5	8	11	30	3
8	13	6	23	13	8	4	5	4	15	9	6	5	2	2	1	1	1	1	1	1	0	0	0	0	5
9	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	1	5	11	8	4	1	1	1	2	2
10	1	0	1	1	0	0	0	1	1	8	5	3	3	3	3	5	6	11	12	6	3	3	4	4	4
11	3	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	1	0	1	2	3	3	3	3	3	3	4	6	5	3	2	1	1	1	1	1	2
13	1	0	0	0	0	0	1	1	1	1	2	1	1	1	1	****	11	6	7	6	3	2	1	1	2
14	1	1	1	1	1	1	1	1	0	2	1	****	0	0	1	1	1	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	3	2	0	0	1	1	2	2	4	8	7	4	3	2	2	1	2
16	0	0	0	0	0	0	0	1	1	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	5	3	1	1	1	1	1	1
18	1	0	1	0	0	0	1	1	6	9	4	2	2	4	2	2	2	2	2	2	2	2	3	1	2
19	1	1	1	1	1	1	0	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	1	1	1	1	1	2	3	5	8	4	1	0	1	1	****	1	1	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	1	3	****	4	4	3	4	6	10	12	12	15	16	13	9	5
24	5	6	5	4	1	1	2	3	2	2	2	2	3	2	2	3	2	2	2	2	1	2	4	4	3
25	9	15	12	13	8	8	5	4	3	3	2	2	1	2	2	2	1	2	2	1	0	0	0	1	4
26	1	0	0	0	0	1	1	1	1	1	1	****	2	2	2	2	1	1	1	1	1	1	1	1	1
27	1	5	4	1	1	1	1	1	4	5	3	2	1	2	1	1	2	2	1	1	0	0	1	1	2
28	6	9	5	1	1	1	1	1	2	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	2
29	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	0	1
30	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	3	8	9	17	14	14	10	23	5
31	45	34	21	24	30	26	10	5	3	3	3	3	3	1	1	1	1	1	1	1	1	1	0	1	9
MEAN	3	3	3	2	2	2	2	2	3	2	2	1	2	1	2	2	2	3	3	3	2	2	2	3	2.2

PERCENTAGE OF DATA VALID - 95.2

PERCENTAGE OF DATA INVALID - 4.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - FEB 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1
4	1	1	0	0	0	0	0	0	1	1	1	1	1	1	****	1	1	0	1	2	1	1	1	0	1
5	0	1	0	1	2	10	3	1	5	7	5	4	4	2	2	3	3	3	2	1	1	1	1	1	3
6	0	1	1	0	0	0	0	1	5	1	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	1	1	1	5	3	2	2	4	2	2	2	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
9	0	1	1	1	1	5	3	7	13	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	2	4	3	5	2	3	2	5	8	5	4	2	2	1	1	1	1	1	2
11	1	2	1	1	1	1	1	2	6	3	1	1	1	1	1	1	1	1	1	1	2	4	5	2	2
12	10	3	2	2	2	5	3	4	6	4	3	3	3	5	5	3	7	2	1	1	1	1	1	1	3
13	1	1	1	1	1	1	1	1	1	1	1	****	1	0	1	1	1	1	1	1	1	1	1	1	1
14	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	1	0	2	0
15	0	1	0	0	0	0	0	1	1	1	1	2	2	3	2	1	1	1	1	2	0	0	0	0	1
16	0	1	1	1	1	1	1	2	6	6	2	****	****	1	2	2	2	3	3	2	1	1	1	1	2
17	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	2	2	11	8	10	10	11	3
18	1	1	1	0	0	1	3	3	1	****	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
19	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
20	1	0	0	0	1	1	1	2	4	4	****	2	2	1	1	2	5	5	6	4	2	2	2	2	2
21	1	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
23	0	0	0	0	0	0	6	6	6	6	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2	1
25	2	2	1	1	1	1	2	3	4	2	3	3	2	2	2	3	4	3	1	1	1	3	1	1	2
26	1	1	1	1	1	1	1	2	1	2	1	1	2	2	1	2	2	2	5	3	2	3	1	1	2
27	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	4	7	8	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY													MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	****	1	0	1	1	1	1	1	1	1	1	1	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	2	1	1	1	1	0	0	0	1
4	1	0	0	0	0	1	1	8	7	5	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2
5	0	0	0	0	0	1	1	2	1	2	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	1	1	2	3	5	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
7	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1
9	1	3	9	6	4	3	2	3	5	6	5	2	1	1	1	1	1	1	1	1	1	1	1	1	3
10	0	0	0	0	0	1	1	1	1	1	****	1	1	1	1	0	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	2	1	1	0	1	1	1	2	3	5	2	2	1	0	1	1
12	2	1	0	0	0	0	1	2	2	****	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	21	1
14	7	12	4	1	2	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	2	1	2	1	1	3	3	1	1
16	1	0	0	0	0	0	1	1	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	1	****	0	1	1	1	1	1	1	2	1	1	1	1	1	1
18	0	1	3	4	3	2	1	2	4	4	2	2	1	1	2	2	3	2	2	1	2	1	1	1	2
19	1	0	0	1	1	1	2	5	4	****	3	2	1	4	3	2	2	2	1	1	2	6	4	2	2
20	3	2	2	2	4	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	1	1	1	1	****	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	1	1	****	1	2	2	2	1	2	3	3	2	4	5	2	1	2	2
27	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2	4	10	13	19	9	3
29	2	1	1	0	1	1	1	2	2	2	2	1	2	1	1	1	2	2	3	2	1	1	1	1	1
30	1	1	0	1	1	1	1	1	2	1	1	2	1	1	2	6	7	2	1	1	1	1	1	1	2
31	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	3	3	3	2	3	2	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	2	2	1.2

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY													MONTH - APR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	0	1	1	1	1	1	1	3	3	3	3	2	2	1	1	1	1	1	1
2	1	1	1	1	0	1	1	1	1	***	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5	0	0	0	0	0	0	0	0	1	1	***	0	0	0	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
9	1	1	1	1	1	4	6	5	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	1	4	1	1	0	0	0	0	1	1	2	2	2	2	2	2	2	2	1
15	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
16	2	2	6	4	2	1	2	2	2	2	2	2	2	2	2	3	3	3	2	3	4	3	3	3	3
17	2	2	2	1	1	1	2	2	2	3	3	2	1	2	2	2	3	3	3	4	4	3	4	4	2
18	3	3	3	3	3	2	3	4	3	3	3	3	3	4	4	5	5	6	6	6	6	5	5	5	4
19	5	5	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
20	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1
21	0	0	0	0	0	0	1	1	1	2	1	1	1	1	2	2	3	2	2	2	1	1	1	2	1
22	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
23	1	1	1	1	0	0	0	0	0	0	-	-	0	1	1	1	1	1	1	1	2	2	2	1	1
24	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	2
25	2	2	1	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
26	1	0	1	1	1	1	1	1	1	1	***	1	1	0	0	0	***	0	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1
28	2	1	2	2	2	2	1	1	2	1	1	2	3	2	1	1	0	1	1	1	1	1	1	1	1
29	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	5	2	1	2
30	1	1	1	1	1	1	2	4	2	1	1	1	2	1	1	1	1	1	1	1	0	0	0	1	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

## UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK, SUDBURY

MONTH - MAY 76

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	1
2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2
3	1	2	1	2	***	***	***	***	***	1	1	1	1	2	2	2	2	3	2	2	2	2	1	1	2
4	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	1	2	1	2	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	1	1	2	2	***	1	0	1	1	1	2	2	2	1	1	1	2	1	1
8	3	2	3	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	2	2	2
10	2	2	2	2	1	2	2	3	1	***	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
12	1	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	2	1	2	2	3	3	3	1
13	2	2	2	2	2	2	2	3	2	2	2	2	2	3	4	4	3	3	3	4	4	4	4	4	3
14	4	4	4	4	4	4	4	5	4	3	***	-	1	2	2	2	2	2	3	3	3	3	3	3	3
15	4	4	4	4	3	3	4	3	4	4	4	4	5	4	5	6	6	7	8	9	11	14	9	14	6
16	24	17	12	8	8	7	8	7	7	6	6	6	6	6	7	7	7	7	7	7	7	8	7	7	8
17	7	7	7	7	7	7	6	6	5	2	1	1	1	1	0	0	0	0	1	2	1	1	0	0	3
18	0	0	0	***	1	1	0	0	1	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0
19	1	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0	***	0
20	1	0	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1
21	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	0	1	0	0	0	1	0	1	1
22	0	0	1	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	1	***	***	***	***	***	1
23	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	0	0	***
24	0	0	***	0	***	0	***	***	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	0
25	0	***	0	0	0	1	0	0	0	0	0	***	0	1	1	0	0	0	0	0	0	0	0	0	0
26	0	***	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	0	***	0	***	0	0	0	0	0	***	0	0	0	0	0	0	0	0
28	0	0	1	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	***	1	0	0
29	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	***	0	0	***	0	***	0	0	0
31	0	***	0	0	0	0	0	0	0	***	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 93.8

PERCENTAGE OF DATA INVALID - 6.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.       "- " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK. SUDBURY

MONTH - JUN 76

[illegible]

PERCENTAGE OF DATA VALID - 93.5

PERCENTAGE OF DATA INVALID - 6.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2.       "- " INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY													MONTH - JUL 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
22	1	0	0	0	0	6	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0
29	1	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION													
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY												MONTH - AUG 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	2	1	1
8	5	5	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	4	5	2
9	3	6	2	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
18	1	1	0	0	1	2	5	4	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1
19	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	1
22	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1
24	1	1	0	1	1	2	3	3	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
26	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
27	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "\*\*\*\*\*" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - NE NO 77016													ASH ST WATER TANK, SUOBURY												
MONTH - SEP 76																									
HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	****	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	2	3	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	0	0
12	0	0	1	0	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0
17	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	3	1	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	8	4	1
21	5	4	3	1	2	1	4	7	5	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
23	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	2	2	2	2	2	2	2	2	1	2	1	2	2	3	6	8	3	8	12	12	3
26	8	5	2	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	1	1	1	1	1	1	1	1	2	1	1	****	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	1	0	0	0	1	5	8	3	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1
MEAN	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0.

0.4

PERCENTAGE OF OATA VALIO - 97.9

PERCENTAGE OF OATA INVALIDO - 0.4

PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "\*\*\*\*\*" INOICATES INVALIDO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

HOUR DAY	POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT												UNITS - 0.01 PARTS/MILLION												
	STATION - NE NO 77016						ASH ST WATER TANK, SUOBURY						MONTH - OCT 76												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	2	2	5	8	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	1	5	4	3	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	1	0	0	0
4	0	0	0	0	0	4	12	12	4	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
5	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	1	2	1	1	0	0	0	***	1	2	1	2	7	9	12	6	9	6	3
9	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	1	9	4	5	4	1	1	0	0	0	0	0	0	0	2	2	1	1	1	0	1
12	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
13	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
14	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
15	0	0	0	0	0	0	2	2	1	0	****	-	1	1	1	1	1	1	1	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	2	2	3	1
19	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	2	1	2	1	2	2	1	2
20	1	1	1	1	1	1	2	3	2	1	1	1	1	1	2	2	2	2	1	0	1	1	0	0	1
21	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	10	12	10	2
24	5	6	5	2	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	1
25	0	0	0	0	0	1	2	5	7	3	2	1	1	1	1	1	1	0	0	1	0	0	0	0	1
26	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0
27	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1
30	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0.0

0.6

PERCENTAGE OF OATA VALIO - 99.5

PERCENTAGE OF OATA INVALIDO - 0.4

PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "\*\*\*\*\*" INOICATES INVALIDO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY



POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY													MONTH - NOV 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	7	13	22	17	20	22	4
2	20	4	2	1	1	1	1	3	4	3	****	1	1	0	1	1	1	1	0	0	0	5	1	1	2
3	0	0	0	0	0	0	0	5	2	1	1	0	0	1	1	1	5	7	2	1	1	1	1	1	1
4	1	0	0	0	0	0	0	1	2	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1
5	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	****	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	2	1	2	0	0
9	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	3	3	2	1	1	1	2
10	1	0	0	0	1	0	1	1	1	1	1	****	0	0	0	0	0	1	0	1	0	0	0	0	0
11	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	0	1	1	0
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	2	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
18	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	1	1	1	1	1	1	0
19	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	4	2	1	****	****	1	2	1	2	1	1	1	1	0	0	0	2	1
25	2	1	1	1	1	6	8	3	4	3	2	2	2	2	2	2	3	2	1	2	2	2	2	2	2
26	2	1	1	1	1	1	2	4	5	10	10	****	10	4	3	2	1	1	1	1	1	1	1	1	3
27	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	3	1	0	0	0	1	0	0	0	0
28	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
29	0	0	0	0	0	0	0	1	3	1	1	****	1	1	0	1	1	1	0	0	1	1	9	3	1
30	7	18	12	10	4	1	1	4	6	3	0	0	1	1	1	1	2	4	4	2	1	1	1	1	4
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1.0	

PERCENTAGE OF OATA VALIO - 98.6

PERCENTAGE OF OATA INVALIDO - 1.4

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INOICATES INVALIDO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT													UNITS - 0.01 PARTS/MILLION												
STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY													MONTH - DEC 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	7	6	3	1	2	2	3	3	6	7	19	5	5	8	8	4	4
4	1	1	1	0	0	0	0	0	0	1	1	1	2	1	2	3	4	3	1	1	2	1	1	1	1
5	1	2	2	1	2	2	0	0	0	0	0	0	0	0	0	0	1	2	2	2	6	22	18	14	3
6	15	11	2	1	1	1	1	2	2	2	1	****	2	3	3	3	4	6	5	1	1	1	1	1	3
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	2	5	1	
8	17	9	4	2	4	4	3	5	8	7	1	1	1	1	1	7	7	6	1	0	0	0	0	0	5
9	0	0	0	0	0	0	1	1	10	21	14	5	2	3	3	4	4	5	2	1	1	1	1	0	3
10	0	0	0	0	0	0	1	1	4	6	5	9	4	2	1	1	1	1	0	0	0	0	0	1	2
11	1	1	1	0	1	0	0	0	1	1	3	3	2	3	4	1	1	1	1	0	0	0	0	0	1
12	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
13	0	0	0	0	1	1	1	1	1	****	0	0	0	0	1	1	2	3	3	2	5	2	2	1	1
14	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	1	1	1	1	1	1	1	****	1	1	0	1	2	3	5	2	1	1	1	1	1
16	1	1	1	1	0	0	1	1	3	3	2	2	2	1	3	2	3	4	6	5	6	6	4	3	3
17	2	1	1	1	1	1	2	4	3	2	2	****	1	1	0	0	1	0	0	0	0	0	0	1	1
18	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	2	3	2	2	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	3	2	1	1	1	1	1	1	1	1
20	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0
21	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
22	1	1	1	2	2	1	1	2	3	3	2	3	3	2	3	4	5	6	12	23	19	7	4	2	5
23	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	3	4	2	3	****	4	3	5	6	1	1	1	1	1	1	1	1	1	2
25	1	2	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	3	3	2	3	1	1
26	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	1	1	1	1	2	3	5	8	6	10	6	3	2	1	1	2
28	1	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	1	1
29	1	0	0	1	0	0	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	1
30	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	****	0	0	0	0	1	1	0	0	0	0	0	0	0	1
MEAN	2	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	3	2	2	2	2	1	1.6

PERCENTAGE OF OATA VALIO - 97.8

PERCENTAGE OF OATA INVALIDO - 2.2

PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "\*\*\*\*\*" INOICATES INVALIDO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "\*\*\*\*\*" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2.2	9	45
FEB	29	1.4	3	13
MAR	31	1.2	3	21
APR	30	1.2	4	6
MAY	30	1.5	8	24
JUN	30	0.0	0	2
JUL	30	0.1	1	6
AUG	31	0.5	2	6
SEP	29	0.4	3	12
OCT	31	0.6	3	12
NOV	30	1.0	4	22
DEC	31	1.6	5	23
YEAR	361	1.0	9	45

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 & OVER	TOTAL
JAN	644	34	21	7	1	1	0	708
FEB	665	19	3	0	0	0	0	687
MAR	719	13	3	1	0	0	0	736
APR	701	6	0	0	0	0	0	707
MAY	657	35	5	1	0	0	0	698
JUN	673	0	0	0	0	0	0	673
JUL	725	2	0	0	0	0	0	727
AUG	731	1	0	0	0	0	0	732
SEP	695	8	2	0	0	0	0	705
OCT	724	12	4	0	0	0	0	740
NOV	691	11	6	2	0	0	0	710
DEC	687	28	10	3	0	0	0	728
YEAR	8312	169	54	14	1	1	0	8551

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

97.3

MIN

0

10

0.0

30

0.0

CONCENTRATIONS  
FREQUENCY DISTRIBUTION, PERCENT

50

0.0

70

0.6

90

1.8

95

3.3

98

6.1

99

9.1

MAX

45

ARITH  
MEAN

1.0



Date Due

Ont. Ministry of the Environment. Air Management....							
Air quality monitoring TD reports, Ontario. 883.7 Vol. 5 - 1976 057							
DATE				ISSUED TO			
MAY 21 1979				W Richardson 1-4			
MAY 28 1979				W. Chen 880-9			

